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Evaluation of Primary Air Vitiation for Nitric Oxide Reduction in a Rotary Cement Kiln Volume 3. Data Supplement B

KVB, Inc., Irvine, CA

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EVALUATION OF PRIMARY AIR VITIATION FOR NITRIC OXIDE REDUCTION IN A ROTARY CEMENT KILN

Volume 3. Data Supplement B

by

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16. ABSTRACT The report gives results of tests to evaluate combustion modifications for nitric oxide (NO) reduction and cement product quality in a pilot-scale long-dry-process cement kiln firing pulverized coal. The kiln is rated at 11.35 kg/s (1080 tons/day) of cement with a thermal input rate of 70.3 MW (240 million Btu/hr). Of the combustion modifications evaluated in previous studies, vitiation of the primary air with inert gas (nitrogen) was considered the best alternative for NO reduction on a pilot-scale kiln. As-found emissions (17 days of data, 89.75 hours) were about 3.6 kg (8 lb) NO as NO2 per 907 kg (1 ton) of clinker. The uncertainty of the as-found mean mass emissions is about 10%. Lowered excess air (LEA) decreased NO volumetric and mass emissions by about 15-20%. The percent reduction was established from a reference baseline of 1050 ppm (corrected to 3% O2) and a kiln exit oxygen of 1.82%. The NO volumetric emissions were lowered to 880 ppm (corrected to 3% O2) with a kiln exit oxygen of 0.7%. NOx reductions during the short term nitrogen injection tests were about 25-30% with no adverse effects on product quality. Because of the interacting feed chemistry/kiln operations, it was not possible to clearly isolate the effect of nitrogen injection. For long term operation, flue gas recirculation would be more cost effective in achieving primary air vitiation.

17. KEY WORDS AND DOCUMENT ANALYSIS

a. DESCRIPTORS	b. IDENTIFIERS/OPEN ENDED TERMS	c. COSATI Field/Group
Pollution	Pollution Control	13B
Cements	Stationary Sources	11B, 13C
Kilns	Cement Kilns	13A
Nitric Oxide (NO)	Primary Air Vitiation	07B
Combustion	Combustion Modification	21B
Pulverized Fuels		21D

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NOTICE

This document has been reviewed in accordance with U.S. Environmental Protection Agency policy and approved for publication. Mention of trade names or commercial products does not constitute endorsement or recommendation for use.

ABSTRACT

KVB has been funded by the U.S. Environmental Protection Agency to conduct research for emission reduction from industrial processes. One phase of this research effort concerns NO reduction from cement kilns. Tests were conducted on a 1100 ton/day long, dry process cement kiln to evaluate the effect of primary air vitiation on NO emissions. Primary air vitiation was accomplished by injecting nitrogen gas into the primary air. As found, test results (17 days, 89.75 hours) prior to the nitrogen injection test were used to assess the inherent variability of the cement-making process. The NO emissions averaged about 8 lb NO_2/ton of clinker and varied approximately 30 percent during the as-found test series. Lowering kiln exit oxygen from 1.8 percent to 0.7 percent reduced NO by 15-20 percent. Three days of nitrogen injection tests for primary air vitiation were also performed at the test site. Although the testing demonstrated that nitrogen injection will reduce NO, the extent of reduction is extremely variable and is based on the operations and kiln feed at the time. NO mass emissions did decrease 20 to 30 percent, based on altering the burning zone temperature profile (2550°F to 2490°F) and lowering the primary air O_2 from 21 to 13 percent while maintaining a constant kiln exit oxygen of 1.5 percent. No deterioration of clinker quality was observed. For long-term operation, flue gas recirculation would be a more cost-effective means of achieving primary air vitiation.

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FOREWORD

The purpose of this Data Supplement is to document data in greater detail than was practical in the final report for this contract. It is intended to provide the necessary details to other researchers who are interested in performing their own analysis.

Readers are referred to the contract final reports for information as to objectives, selection of units, measurement procedures, interpretations, and conclusions.*

All data presented for gaseous emission concentrations of NO and CO are expressed in parts per million by volume (ppm) on a dry basis corrected to 3 percent O_2 by volume (dry) in the flue gas.

The data are arranged in this volume by Location Number for Site 2. At this location four distinct data sets were collected. The first data set (September 26 - October 25, 1983) was for as found operations. The second set of data (November 15 and November 17, 1983) was with nitrogen injection of the primary air stream gas. The third data set (February 29 - March 3, 1984) was a combination of as found operations with lowered excess air. The fourth data set (April 17-18, 1984) was the final nitrogen injection test.

For the unit tested, the data supplement contains the following information:

1. Equipment Design Data

   Design data tabulations include: unit description, installation date, process capacity, burner description, fuels burned and other data pertinent to each unit.

2. Mobile Laboratory Data (Emission Measurements)

   Emission measurements tabulated for each test include test number, test load, combustion conditions (O_2, CO_2), gaseous emissions (NO, CO, and all at 3 percent O_2, dry).

3. Operating Data (Control Room)

   Data pertinent to the process are tabulated for each test.

4. Fuel Analyses

Analyses of test fuels are included as reported for fuel samples collected during tests.

5. Instrument Calibration Records

During emissions testing, periodic instrument calibrations are checked for zero and span drift.

6. Nitrogen Injection Data Sheets

During the nitrogen injection testing, the burner line/primary air oxygen content was monitored on a frequent basis.

7. Baghouse Inlet Conditions

A velocity traverse of the baghouse inlet was conducted.

INSTRUMENTATION

All gaseous emission measurements were made in a 12.8 m x 2.4 m (8 x 42 ft) mobile laboratory trailer. The emission measurement instrumentation used was the following:

EMISSION MEASUREMENT INSTRUMENTATION

Species	Manufacturer	Measurement Method	Model No.
Carbon Monozide	Beckman Instruments	IR Spectrometer	865
Oxygen	Teledyne	Polarographic	326A
Carbon Dioxde	Beckman Instruments	IR Spectrometer	864
Nitrogen Oxides	Thermo Electron Co.	Chemiluminescent	10A

CONVERSION FACTORS
English or Metric Units to SI Units

To Obtain	From	Multiply By
ng/J	$lb/10^6$ Btu	430
ng/J	g/Mcal	239
GJ	10^6 Btu	1.055
m	ft	0.3048
cm	in.	2.54
m^2	ft^2	0.0929
m^3	ft^3	0.02832
kg	lb	0.4536
Celsius	Fahrenheit	$t_C = 5/9\ (t_F - 32)$
Kelvin	Fahrenheit	$t_K = 5/9\ (t_F - 32) + 273$
Pa	psig	$P_{pa} = (P_{psig} + 14.7)(6.895 \times 10^3)$
Pa	psia	$P_{pa} = (P_{psia})(6.895 \times 10^3)$
Pa	iwg (39.2°F)	$P_{pa} = (P_{iwg})(249.1)$
MW	10^6 Btu/hr	0.293
MW	GJ/hr	0.278

To Obtain ng/J of	Multiply* Concentration in ppm @ 3% O_2 by
Natural Gas Fuel	
CO	0.310
HC	0.177
NO or NO_x (as NO_2)	0.510
SO_2 or SO_x	0.709
Oil Fuel	
CO	0.341
HC	0.195
NO or NO_x (as NO_2)	0.561
SO_2 or SO_x	0.780
Coal Fuel	
CO	0.372
HC	0.213
NO or NO_x (as NO_2)	0.611
SO_2 or SO_x	0.850

*These conversions depend on fuel composition. The values given are for typical fuels.

KVB72-806030-1962 D271 EPA

CEMENT KILN DESCRIPTION

Location No. 4

Unit 1

Unit Description:	Long, Dry Rotary Kiln 490 ft (149 m) long 13.5 ft (4.1 m) inside diameter Slope: 7/16 inch per foot
Installation Date:	1962
Rated Capacity:	45 tons/hour (11.34 Kg/s)
Rated Heat Input:	240 x 10^6 Btu/hr (70.3 MW)
Burner Type:	Gas/Pulverized Coal Burners; Straight Pipe

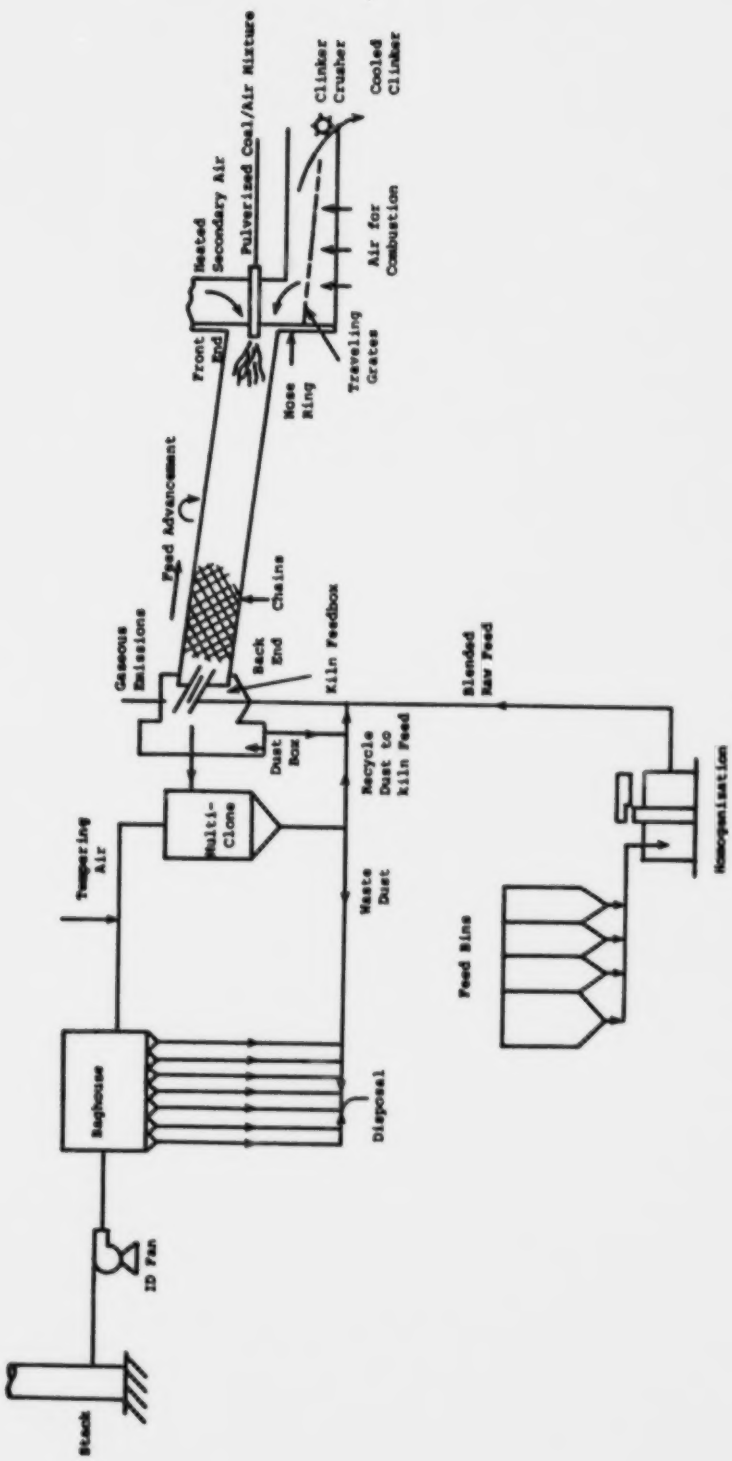

Figure 1. Schematic of Dry Process Cement Kiln System

EMISSION MONITOR DATA SET 1

SEPTEMBER 26 - OCTOBER 25, 1983

SITE 4 - AS FOUND

DATE 9-26-1983 15 MIN DATA
LOAD AS FOUND DRY STACK GAS

TIME	O2 VOL% MEAS	CO2 VOL% MEAS	CO PPMV MEAS	NO PPMV 3%O2	CO NG/J --	NO NG/J --	CODE
1130	2.3	26.7	0	1527			
1145	1.1	29	0	1155			
1200	1.4	26.1	0	1207			
1300	2.2	26.9	0	1852			
1315	2	29.6	0	1619			
1330	2.4	31.5	0	1538			
1345	2.1	32.1	0	1184			
1400	2.3	30.1	0	1499			
1415	2.1	29.4	0	1818			
1430	1.7	29.9	0	1762			
1445	2.1	29.8	0	1529			
1500	2.4	29.4	0	1450			
1615	3	32.5	0	1553			
1630	2.6	32.9	0	1456			

CO- OUT OF SERVICE

SITE 4 - AS FOUND

DATE 9-27-1983 15 MIN DATA
LOAD AS FOUND DRY STACK GAS

TIME	O2 VOL% MEAS	CO2 VOL% MEAS	CO PPMV MEAS	NO PPMV @%O2	CO NG/J --	NO NG/J --	CODE
915	2.1	28.8	0	1077			
930	1.8	30.1	0	893			
945	2.4	29.6	0	1138			
1000	2.2	28.3	0	1377			
1015	2.5	27.4	0	1610			
1045	2.3	28.8	0	1438			
1300	2.2	27.8	0	1253			
1315	2	29.1	0	1029			
1330	2.3	30.2	0	1072			
1445	2	28.2	0	1275			
1500	1.5	28.4	0	1020			
1515	1.4	28.6	0	696			
1530	1.6	29.2	0	692			
1545	1.4	28.6	0	922			
1600	1.8	30.4	0	1417			

CO- OUT OF SERVICE

SITE 4 - AS FOUND

DATE 9-28-1983 15 MIN DATA
LOAD AS FOUND DRY STACK GAS

TIME	O2 VOL% MEAS	CO2 VOL% MEAS	CO PPMV MEAS	NO PPMV 3%O2	CO NG/J --	NO NG/J --	CODE
845	2.1	26.1	0	1140			
900	1.9	30.4	0	1131			
915	2.1	34.1	0	1144			
930	2.1	34.5	0	1140			
945	2.1	35.2	0	936			
1000	2.1	29.3	0	827			
1015	2.1	29.9	0	606			
1030	2.1	28.8	0	711			
1045	.2	29.4	0	707			
1200	1.9	29.1	0	934			
1215	1.7	29.9	0	989			
1230	1.5	28.5	0	944			
1245	1.3	29.2	0	940			
1300	1.4	27.2	0	1112			
1315	1.5	29	0	1095			
1330	1.5	30.2	0	1061			
1345	1.5	27.6	0	1069			
1430	1.3	29.1	0	1002			
1445	1.5	29.7	0	1098			
1500	1.5	28.6	0	1109			
1530	1.6	28.6	0	1005			
1545	1.4	30.1	0	982			
1600	1.8	28.5	0	925			

SITE 4 - AS FOUND

DATE 9-29-1983 15 MIN DATA
LOAD AS FOUND DRY STACK GAS

TIME	O2 VOL% MEAS	CO2 VOL% MEAS	CO PPMV MEAS	NO PPMV 3%O2	CO NG/J --	NO NG/J --	CODE
845	1.4	27.6	0	1341			
900	1.3	26.8	0	1069			
915	1.4	28.5	0	586			
930	1.3	28.8	0	430			
945	.9	29	0	384			
1000	1.2	27.8	0	313			
1015	1.2	27.1	0	335			
1030	1.8	26	0	754			
1100	5.6	25.4	0	1666			
1115	6.4	28.4	0	1440			
1130	4.9	28.3	0	1281			
1200	3.2	27.7	0	829			
1215	1.6	27.7	0	563			
1230	1.1	29.1	0	386			
1245	1.6	28.2	0	661			
1300	1.6	27.3	0	509			
1330	1.7	29.1	0	980			
1400	1.9	29.4	0	1269			
1415	2.3	29	0	1124			
1430	1.6	30.2	0	694			
1445	1.7	30.2	0	391			
1500	1.8	30.3	0	323			
1515	1.2	30.3	0	258			
1530	1.2	28.3	0	207			

SITE 4 - AS FOUND

DATE 9-30-1983 — 15 MIN DATA
LOAD AS FOUND — DRY STACK GAS

TIME	O2 VOL% MEAS	CO2 VOL% MEAS	CO PPMV MEAS	NO PPMV 3%O2	CO NG/J --	NO NG/J --	CODE
900	2.6	28.9	0	1054			
915	2.7	29.2	0	1079			
930	2.4	29.1	0	1021			
945	2.7	29.1	0	1073			
1000	2.6	29.4	0	1146			
1015	2.6	28.4	0	950			
1030	2.4	29.1	0	741			
1045	2	29.1	0	693			
1100	1.9	29	0	611			
1115	2.7	27.8	0	677			
1130	2.2	28.6	0	710			
1145	2.6	28.6	0	706			
1200	2.5	27.9	0	742			
1215	2.7	27.3	0	913			
1230	2.7	28.2	0	918			
1245	2.3	28.9	0	830			
1300	2.8	28.2	0	935			
1315	2.6	28.9	0	997			
1330	2.7	28	0	1044			
1345	2.5	26.7	0	968			
1400	2.5	26.6	0	893			
1415	2.6	26.9	0	847			
1430	2.6	25.6	0	777			
1445	2.3	26.2	0	722			
1500	2.4	26.4	0	753			
1515	2.5	26.4	0	939			
1530	2.8	25.3	0	1049			

SITE 4 - AS FOUND

DATE 10-3-1983 15 MIN DATA
LOAD AS FOUND DRY STACK GAS

TIME	O2 VOL% MEAS	CO2 VOL% MEAS	CO PPMV MEAS	NO PPMV 3%O2	CO NG/J --	NO2 NG/J --	CODE
845	3.6	26.6	0	1364			
900	3	26.3	0	1303			
915	3.3	26	0	1353			
930	3.1	26.3	0	1369			
945	3.1	26.9	0	1161			
1000	2.5	27.8	0	891			
1015	2.7	27.6	0	841			
1030	2.3	27.9	0	842			
1045	2.1	29.[illegible]	0	896			
1100	2.1	29.1	0	852			
1115	2.3	26.9	0	1068			
1130	2.6	27.3	0	1086			
1145	2.7	25.7	0	1152			
1200	2.2	27	0	1007			
1215	2.7	26.6	0	895			
1230	2.2	28.7	0	1023			

SITE 4 - AS FOUND

DATE 10-4-1983 15 MIN DATA
LOAD AS FOUND DRY STACK GAS

TIME	O2 VOL% MEAS	CO2 VOL% MEAS	CO PPMV MEAS	NO PPMV 3%O2	CO NG/J --	NO NG/J --	CODE
745	4.2	19.5	0	881			
800	3.7	19.7	-1	979			
845	2.6	26.5	26	1307			
900	3	27.5	33	1483			
915	2.4	28.5	34	1593			
1030	1.6	28.9	38	695			
1045	1	30.5	325	673			
1100	2.5	28	35	1161			
1115	3.1	27.5	35	1623			
1130	3.5	27.4	66	1675			
1145	2.7	29.1	32	1626			
1200	2.9	28	62	1589			
1215	3.1	28.2	32	1418			
1230	2.7	30.1	36	1093			
1245	2.3	29.1	74	710			
1300	2.1	26.5	120	505			
1315	2.7	25.3	32	398			
1330	2.3	28.7	33	309			

SITE 4 - AS FOUND

DATE 10-5-1983 15 MIN DATA
LOAD AS FOUND DRY STACK GAS

TIME	O2 VOL% MEAS	CO2 VOL% MEAS	CO PPMV MEAS	NO PPMV 3%O2	CO NG/J --	NO NG/J --	CODE
815	1	30.8	255	466			
830	1.6	27.4	77	526			
845	2.4	26.7	105	912			
900	2.3	27.6	74	1343			
915	2.3	26.7	35	1470			
930	2.4	26.7	55	1553			
945	2.2	25.9	36	1648			
1000	1.9	26.8	94	1652			
1015	1.6	29.1	86	1766			
1030	1.8	29.6	57	1551			
1045	1.5	29.2	96	1340			
1100	1.3	28.7	211	1252			
1115	1.5	28.7	172	1068			
1130	1	28.8	352	686			
1145	1.6	26.1	149	755			
1200	1.8	26.9	38	1118			
1230	2.8	25.4	32	1758			
1245	1.9	25.7	176	1606			
1300	2.2	26	42	1728			
1315	2.6	26.8	32	1785			
1330	2.4	29.6	65	1661			
1345	2.3	29.1	89	1434			
1400	2.1	29.6	58	1043			
1430	2.5	31.1	38	695			
1445	2.3	30.3	75	718			
1500	2.6	30.4	59	858			
1515	2.1	29.9	43	985			
1530	2.4	29.6	43	931			

SITE 4 - AS FOUND

DATE 10-6-1983 15 MIN DATA
LOAD AS FOUND DRY STACK GAS

TIME	O2 VOL% MEAS	CO2 VOL% MEAS	CO PPMV MEAS	NO PPMV 3%O2	CO NG/J --	NO NG/J --	CODE
745	2.9	27.2	39	998			
800	2.2	28.9	43	981			
815	1.9	27.6	203	960			
830	2.1	27.9	96	1108			
845	1.9	0	10	1126			
900	1.8	.1	87	898			
915	1.9	12.4	58	927			
945	2.3	.2	75	1331			
1000	2.3	0	23	1557			
1015	3.2	9	23	1186			
1030	8.6	29	7	1051			
1045	8.7	28.4	12	1117			

SITE 4 - AS FOUND

DATE 10-7-1983
LOAD AS FOUND

15 MIN DATA
DRY STACK GAS

TIME	O2 VOL% MEAS	CO2 VOL% MEAS	CO PPMV MEAS	NO PPMV 3%O2	CO NG/J --	NO NG/J --	CODE
1130	1.9	29.9	132	1162			
1145	1.7	30.8	129	1699			
1200	1.2	30.8	218	878			
1215	1.7	29.7	110	637			
1230	1.8	29.6	140	467			
1245	2.7	27.8	40	464			
1300	1.2	29.3	174	435			
1315	2.5	26.7	73	719			
1330	4.3	25.4	74	951			
1345	5.6	24.5	37	1005			
1400	4.2	27.1	99	1081			
1415	4.3	26.6	36	960			
1430	3.7	27.3	36	1057			
1445	3.6	27.6	37	879			
1500	2.8	28.7	40	508			

SITE 4 - AS FOUND

DATE 10-10-1983 15 MIN DATA
LOAD AS FOUND DRY STACK GAS

TIME	O2 VOL% MEAS	CO2 VOL% MEAS	CO PPMV MEAS	NO PPMV 3%O2	CO NG/J --	NO NG/J --	CODE
845	3.5	24	27	1184			
900	3.7	23.1	29	1140			
915	3.4	23.4	30	1164			
930	3.7	24.3	25	1109			
945	2.7	30.3	34	1081			
1000	1.9	31.8	108	758			
1015	1.8	28.6	47	685			
1030	2.5	27.9	47	705			
1045	2	28.8	47	692			
1100	2.5	28	48	790			
1115	2.5	26.8	41	839			
1130	2.8	26.2	64	960			
1145	3	25.9	39	1085			
1200	2.9	25.8	39	1220			
1315	1.6	34	79	869			
1330	1.8	33.[illegible]	37	935			
1345	1.8	32.[illegible]	38	902			
1400	2	31.[illegible]	47	1026			
1415	2.1	31.9	36	1139			
1430	2.6	26.9	44	1193			
1445	3.1	25.5	46	1236			
1500	3.1	25.1	45	1267			
1515	3	26.8	45	1220			
1530	2.3	29	46	995			
1545	1.9	29.9	47	571			
1600	2.7	27.5	46	629			
1615	2.7	27.3	46	604			

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SITE 4 - AS FOUND

DATE 10-11-1983 15 MIN DATA
LOAD AS FOUND DRY STACK GAS

TIME	O2 VOL% MEAS	CO2 VOL% MEAS	CO PPMV MEAS	NO PPMV 3%O2	CO NG/J --	NO NG/J --	CODE
845	2.3	27.7	26	1358			
900	2.4	27.6	27	1455			
915	2.3	28.3	28	1405			
930	2.5	27.8	28	1103			
945	2.9	28	29	890			
1000	3	29.7	34	956			
1015	2.7	30.9	32	797			
1030	2.9	30.1	32	959			
1045	3.1	30.3	32	991			
1100	3	30.7	32	905			
1115	3.2	26.9	29	995			
1130	3.2	26.6	27	1003			
1145	3.4	27.6	28	1003			
1200	3.2	28.7	29	1049			
1215	3.3	29.6	29	958			
1230	2.1	19.5	84	657			
1245	3.2	26.7	34	870			
1300	3.3	26.8	35	840			
1330	4.4	26.8	28	850			
1345	5.2	26.9	25	887			
1400	5.3	26.4	25	892			
1415	4.9	26.4	28	875			
1430	4.1	26.2	32	880			
1445	4.3	26.5	32	895			
1500	4.3	26.8	32	920			
1530	3.6	26.5	61	926			
1545	3.7	26.7	34	966			

SITE 4 - AS FOUND

DATE 10-12-1983 — 15 MIN DATA
LOAD AS FOUND — DRY STACK GAS

TIME	O2 VOL% MEAS	CO2 VOL% MEAS	CO PPMV MEAS	NO PPMV 3%O2	CO NG/J --	NO NG/J --	CODE
800	2.1	30	39	1780			
815	1.9	29.7	45	1623			
845	1.4	29.3	43	1500			
900	1.4	30.8	76	1558			
930	1.7	29.8	57	1528			
945	2.1	29.2	59	1259			
1000	2	28.4	146	1230			
1015	6.9	20.2	79	780			
1030	7.2	18.6	19	598			
1045	4.6	21	23	478			
1100	3.2	20.6	20	427			
1115	2.8	21.2	25	500			
1130	1.9	23.8	25	585			
1145	1.8	23.7	24	664			
1200	3.6	22.2	22	792			
1215	2.9	25.2	25	988			
1230	4.9	23.6	25	944			
1245	5.8	24.5	27	882			
1300	5.3	26.1	28	829			
1315	5.9	25.2	34	807			
1330	4.7	25.9	37	760			

005

SITE 4 - AS FOUND

DATE 10-13-1983 15 MIN DATA
LOAD AS FOUND DRY STACK GAS

TIME	O2 VOL% MEAS	CO2 VOL% MEAS	CO PPMV MEAS	NO PPMV 3%O2	CO NG/J --	NO NG/J --	CODE
800	1.2	30.4	79	1187			
815	1.4	29.7	96	1273			
830	1.4	29.5	205	1241			
915	1.4	28.9	62	980			
930	1.5	29.7	99	916			
945	2.1	30.9	54	893			
1000	1.2	31.3	198	844			
1015	2	30	52	805			
1030	1.9	29.6	49	743			
1045	2.1	29.2	46	721			
1100	1.8	30.3	42	672			
1115	2	30.3	37	729			
1130	1.9	30.4	140	832			
1145	1.9	30.4	51	989			
1200	1.7	31.9	93	1051			
1215	1.8	32.8	72	1122			
1230	1.7	33.5	45	1137			
1245	1.6	33.7	54	1218			
1345	3.1	27.6	43	923			
1400	2.9	26.9	40	828			
1415	2.8	28.1	39	719			
1430	2.7	29.2	36	623			
1500	2.7	28.3	39	658			
1515	2.7	28.4	37	747			
1530	2.7	28.3	39	807			

SITE 4 - AS FOUND

DATE 10-14-1983
LOAD AS FOUND

15 MIN DATA
DRY STACK GAS

TIME	O2 VOL% MEAS	CO2 VOL% MEAS	CO PPMV MEAS	NO PPMV 3%O2	CO NG/J --	NO NG/J --	CODE
745	1.5	29.9	300	1119			
815	1.7	29	34	781			
830	1.9	27	36	910			
845	2	28.4	30	1017			
900	2.1	30.2	32	975			
915	1.6	30.9	155	948			
930	1.4	29.7	31	824			
945	1.2	29.2	49	865			
1000	1.2	31	42	931			
1015	.8	31.2	321	780			
1030	1.1	32.1	73	719			
1045	1.8	31.2	91	582			
1100	2	30.8	44	522			
1115	1.6	32.7	84	410			
1130	1.4	32	75	324			
1145	1	31.7	276	264			
1200	2.3	29.1	47	350			
1215	1.9	30.5	54	419			
1230	1.8	30	108	304			
1245	2.8	28	43	524			
1300	2.9	29	45	810			
1315	2.6	28.9	40	954			
1330	4.5	26.1	34	1016			
1345	2	30	106	790			
1400	2	28.5	76	373			
1415	2.6	27.8	39	428			
1430	2.2	29.2	79	477			
1445	2	28.2	39	329			
1500	3.1	26.9	34	324			

15 MIN. AVG. MONITOR

LOCATION	EPA 806038
UNIT NUMBER	KILN 1
DESCRIPTION	BASELINE
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	10-24-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	AVG PTS
1	1000	1	AUTO	2.3	15	969	29.2	0	7
2	1015	1	AUTO	1.7	143	1067	29.9	0	15
3	1030	1	AUTO	1.9	90	1094	29.6	0	15
4	1045	1	AUTO	1.6	141	1077	31.5	0	15
5	1100	1	AUTO	1.7	196	886	31.5	0	15
6	1115	1	AUTO	2	138	865	29.2	0	10
7	1130	1	AUTO	2.2	43	979	29.4	0	15
8	1145	1	AUTO	1.9	114	1076	29	0	11
9	1200	1	AUTO	2	111	1349	29.3	0	15
10	1215	1	AUTO	2.1	146	1630	29.7	0	15
11	1230	1	AUTO	2.4	57	1804	29.1	0	12
12	1245	1	AUTO	2.5	39	1759	29.1	0	15
13	1300	1	AUTO	2.1	56	925	28.4	0	15
14	1315	1	AUTO	1.8	60	330	28.5	0	15
15	1330	1	AUTO	2	62	293	27.3	0	15
16	1345	1	AUTO	3.1	37	395	26.8	0	10
17	1400	1	AUTO	2.6	118	461	27.8	0	15
18	1415	1	AUTO	2.8	68	602	28.5	0	15
19	1430	1	AUTO	2.7	145	866	30.5	0	15
20	1445	1	AUTO	2.6	68	550	32.3	0	15
21	1500	1	AUTO	2.1	43	324	32.8	0	15

15 MIN. AVG. MONITOR

LOCATION	EPA 806038
UNIT NUMBER	KILN 1
DESCRIPTION	BASELINE
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	10-25-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	AVG PTS
1	1015	1	AUTO	2.2	49	349	29.6	0	14
2	1030	1	AUTO	2.3	54	324	29.1	0	15
3	1045	1	AUTO	3.1	47	556	26	0	15
4	1100	1	AUTO	3.1	47	516	26	0	15
5	1115	1	AUTO	3	40	778	26.9	0	15
6	1130	1	AUTO	3.2	44	1334	26.2	0	6
7	1145	1	AUTO	3.3	44	1487	26.7	0	15
8	1200	1	AUTO	2.9	49	1594	27.9	0	15
9	1215	1	AUTO	2.7	50	1407	29	0	15
10	1230	1	AUTO	2.1	84	633	29.3	0	15
11	1245	1	AUTO	2.1	56	502	28.6	0	11
12	1300	1	AUTO	2.4	65	1010	27.5	0	15
13	1315	1	AUTO	1.5	168	1226	28.5	0	15
14	1330	1	AUTO	2.1	119	1438	28.2	0	15
15	1345	1	AUTO	2.6	51	1888	28.1	0	15
16	1400	1	AUTO	2.1	54	1543	29.5	0	15
17	1415	1	AUTO	2.4	141	770	29.1	0	15

EMISSION MONITOR DATA SET 2

NOVEMBER 15 AND 17, 1983

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	KILN 1
DESCRIPTION	AS FOUND
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	11-15-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0834	1	AUTO	2.4	40	1147	28.3	0	0
2	0835	1	AUTO	1.7	42	1241	26.9	0	0
3	0836	1	AUTO	2.7	37	1319	26	0	0
4	0837	1	AUTO	2.7	36	1324	25.5	0	0
5	0838	1	AUTO	3	37	1479	26	0	0
6	0839	1	AUTO	3	38	1463	27.9	0	0
7	0840	1	AUTO	2.9	37	1437	24.2	0	0
8	0841	1	AUTO	3.4	33	1441	23.7	0	0
9	0842	1	AUTO	3.9	34	1513	24.4	0	0
10	0843	1	AUTO	3.5	34	1475	25.7	0	0
11	0844	1	AUTO	3	36	1482	27.1	0	0
12	0845	1	AUTO	3.1	34	1445	26.4	0	0
13	0846	1	AUTO	2.9	32	1389	25.4	0	0
14	0847	1	AUTO	3.2	32	1435	24.9	0	0
15	0848	1	AUTO	1.6	107	1184	30.8	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.9	41	1384.9	26.2	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	KILN 1
DESCRIPTION	AS FOUND
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	11-15-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0849	1	AUTO	1.3	649	1083	29.7	0	0
2	0850	1	AUTO	2.4	32	1306	27.3	0	0
3	0851	1	AUTO	2.6	30	1331	26.5	0	0
4	0852	1	AUTO	2.7	33	1347	27.6	0	0
5	0853	1	AUTO	2.7	33	1394	27.4	0	0
6	0854	1	AUTO	2.4	35	1345	28.2	0	0
7	0855	1	AUTO	2.8	35	1360	26.9	0	0
8	0856	1	AUTO	1.6	58	1186	29.3	0	0
9	0857	1	AUTO	1.3	117	1170	30.4	0	0
10	0858	1	AUTO	1.9	39	1285	28.7	0	0
11	0859	1	AUTO	2.4	38	1245	28.3	0	0
12	0900	1	AUTO	2.5	37	1246	27.4	0	0
13	0901	1	AUTO	2.1	36	1226	27.6	0	0
14	0902	1	AUTO	2.2	35	1188	27.4	0	0
15	0903	1	AUTO	2.2	36	1223	28.3	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.2	83	1262.3	28.1	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	KILN 1
DESCRIPTION	AS FOUND
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	11-15-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0904	1	AUTO	2.4	37	1215	29.1	0	0
2	0905	1	AUTO	1.8	38	1111	28	0	0
3	0906	1	AUTO	1.9	37	1083	27.8	0	0
4	0907	1	AUTO	2.7	35	1108	27.3	0	0
5	0908	1	AUTO	2.8	37	1132	28.9	0	0
6	0909	1	AUTO	1.8	38	1010	28.9	0	0
7	0910	1	AUTO	2.2	38	1056	28.5	0	0
8	0911	1	AUTO	2.3	36	1092	27.1	0	0
9	0912	1	AUTO	2.2	36	1031	27.7	0	0
10	0913	1	AUTO	2.9	37	1008	26.9	0	0
11	0914	1	AUTO	2.4	35	1008	27.9	0	0
12	0915	1	AUTO	1.3	170	869	27.2	0	0
13	0916	1	AUTO	1.6	35	882	27.7	0	0
14	0917	1	AUTO	2.2	33	922	27.4	0	0
15	0918	1	AUTO	2.3	35	924	27.6	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.2	45	1030.1	27.9	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	KILN 1
DESCRIPTION	AS FOUND
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	11-15-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0930	1	AUTO	2.1	39	955	27.8	0	0
2	0931	1	AUTO	2.6	40	937	27.4	0	0
3	0932	1	AUTO	2.9	39	1036	27.5	0	0
4	0933	1	AUTO	2.4	40	1043	28	0	0
5	0934	1	AUTO	2.3	39	998	28.1	0	0
6	0935	1	AUTO	2.2	40	971	27.1	0	0
7	0936	1	AUTO	2.8	40	1050	26.6	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	KILN 1
DESCRIPTION	BASELINE
LOAD	AS FOUND
TEST NUMBER	2
TEST DATE	11-15-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0938	1	AUTO	2.7	41	1066	26.5	0	0
2	0939	1	AUTO	1.6	46	1022	29.9	0	0
3	0940	1	AUTO	2.5	42	1054	26.3	0	0
4	0941	1	AUTO	3.4	43	1121	26.7	0	0
5	0942	1	AUTO	3.5	42	1150	26.8	0	0
6	0943	1	AUTO	3.2	44	1111	27.1	0	0
7	0944	1	AUTO	2.8	42	1080	26.6	0	0
8	0945	1	AUTO	2.2	44	1120	29	0	0
9	0946	1	AUTO	1.5	45	1018	28.9	0	0
10	0947	1	AUTO	2.6	44	1145	28	0	0
11	0948	1	AUTO	1.9	43	1045	27.3	0	0
12	0949	1	AUTO	2.3	44	1098	27.6	0	0
13	0950	1	AUTO	2.4	43	1069	27.5	0	0
14	0951	1	AUTO	1.8	45	1021	29.4	0	0
15	0952	1	AUTO	2.1	44	1026	28.7	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.4	43	1076.4	27.8	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	KILN 1
DESCRIPTION	BASELINE
LOAD	AS FOUND
TEST NUMBER	2
TEST DATE	11-15-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0953	1	AUTO	2.4	44	1009	28.6	0	0
2	0954	1	AUTO	2.9	42	1035	27.3	0	0
3	0955	1	AUTO	2.1	43	946	28.3	0	0
4	0956	1	AUTO	1.7	61	909	29.7	0	0
5	0957	1	AUTO	2	44	941	28.9	0	0
6	0958	1	AUTO	2.7	43	954	28.3	0	0
7	0959	1	AUTO	2	50	890	29.9	0	0
8	1000	1	AUTO	2.3	42	875	27.6	0	0
9	1001	1	AUTO	2.5	44	900	27.8	0	0
10	1002	1	AUTO	2.2	44	894	29.8	0	0
11	1003	1	AUTO	1.7	45	881	29.5	0	0
12	1004	1	AUTO	2.4	43	877	28.1	0	0
13	1005	1	AUTO	1.2	93	813	28.4	0	0
14	1006	1	AUTO	2.1	45	819	28.9	0	0
15	1007	1	AUTO	2.4	43	828	28.9	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.2	48	904.7	28.7	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	KILN 1
DESCRIPTION	BASELINE
LOAD	AS FOUND
TEST NUMBER	2
TEST DATE	11-15-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1008	1	AUTO	1.8	45	779	30	0	0
2	1009	1	AUTO	2.3	42	759	27.7	0	0
3	1010	1	AUTO	3	40	782	26.6	0	0
4	1011	1	AUTO	1.7	124	730	29.3	0	0
5	1012	1	AUTO	2.2	43	783	29.9	0	0
6	1013	1	AUTO	1.9	42	754	29	0	0
7	1014	1	AUTO	2.1	41	760	26.9	0	0
8	1015	1	AUTO	2.6	40	748	27.6	0	0
9	1016	1	AUTO	2.5	40	777	28	0	0
10	1017	1	AUTO	2.6	40	814	28.3	0	0
11	1018	1	AUTO	2.5	40	805	29	0	0
12	1019	1	AUTO	2.4	40	802	27.7	0	0
13	1020	1	AUTO	2.1	39	783	27.6	0	0
14	1021	1	AUTO	2.6	41	739	28.2	0	0
15	1022	1	AUTO	2.7	41	768	27.9	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.3	47	772.2	28.2	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	KILN 1
DESCRIPTION	BASELINE
LOAD	AS FOUND
TEST NUMBER	2
TEST DATE	11-15-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1023	1	AUTO	2.6	41	772	28.2	0	0
2	1024	1	AUTO	2.2	40	740	28.8	0	0
3	1025	1	AUTO	1.6	54	740	29.2	0	0
4	1026	1	AUTO	1.8	41	775	29.2	0	0
5	1027	1	AUTO	2.2	40	821	28	0	0
6	1028	1	AUTO	2.4	307	760	30.1	0	0
7	1029	1	AUTO	2	43	758	28.6	0	0
8	1030	1	AUTO	2.3	43	782	28.1	0	0
9	1031	1	AUTO	2.7	44	755	28.5	0	0
10	1032	1	AUTO	1.6	463	686	30.9	0	0
11	1033	1	AUTO	2.3	44	738	27.6	0	0
12	1034	1	AUTO	2.4	43	690	27	0	0
13	1035	1	AUTO	2.2	44	688	28.1	0	0
14	1036	1	AUTO	1.6	44	672	30.5	0	0
15	1037	1	AUTO	1	371	608	32.4	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.1	111	732.3	29	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	KILN 1
DESCRIPTION	BASELINE
LOAD	AS FOUND
TEST NUMBER	2
TEST DATE	11-15-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1038	1	AUTO	.8	232	616	29.7	0	0
2	1039	1	AUTO	1.8	45	670	28.6	0	0
	NOTE- CAL AT 1040								
3	1047	1	AUTO	2.5	35	692	28.1	0	0
4	1048	1	AUTO	2.1	36	720	28.6	0	0
5	1049	1	AUTO	1.6	547	617	31.3	0	0
6	1050	1	AUTO	1.8	39	708	27.7	0	0
7	1051	1	AUTO	2.6	36	714	27.1	0	0
8	1052	1	AUTO	2.6	32	725	27.2	0	0
9	1053	1	AUTO	2.2	36	722	28.6	0	0
10	1054	1	AUTO	1.2	282	666	28.8	0	0
11	1055	1	AUTO	1.9	40	743	28	0	0
12	1056	1	AUTO	2.1	38	784	27.9	0	0
13	1057	1	AUTO	1.9	38	782	28.8	0	0
14	1058	1	AUTO	1.7	59	776	27.1	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14				1.9	107	709.6	28.4	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	KILN 1
DESCRIPTION	BASELINE
LOAD	AS FOUND
TEST NUMBER	2
TEST DATE	11-15-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1059	1	AUTO	2.4	38	862	28	0	0
2	1100	1	AUTO	2.3	38	826	27.3	0	0
3	1101	1	AUTO	1.2	245	771	30.3	0	0
4	1102	1	AUTO	1.4	40	823	29.5	0	0
5	1103	1	AUTO	2.2	39	920	28.3	0	0
6	1104	1	AUTO	2.4	39	939	27.2	0	0
7	1105	1	AUTO	2.3	39	889	27	0	0
8	1106	1	AUTO	2.2	40	911	28	0	0
9	1107	1	AUTO	1.7	41	874	29	0	0
10	1108	1	AUTO	2.2	40	923	28.4	0	0
11	1109	1	AUTO	2.2	40	916	27.7	0	0
12	1110	1	AUTO	2.3	39	879	27.1	0	0
13	1111	1	AUTO	2.6	38	913	27.1	0	0
14	1112	1	AUTO	2	40	916	28.9	0	0
15	1113	1	AUTO	1.3	46	907	28.5	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2	53	884.6	28.2	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	KILN 1
DESCRIPTION	BASELINE
LOAD	AS FOUND
TEST NUMBER	2
TEST DATE	11-15-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1114	1	AUTO	1.3	262	879	28.9	0	0
2	1115	1	AUTO	2.8	40	926	26.4	0	0
3	1116	1	AUTO	2.5	38	967	27.2	0	0
4	1117	1	AUTO	2.3	39	967	27.5	0	0
5	1118	1	AUTO	1.1	78	940	29.7	0	0
6	1119	1	AUTO	1.9	38	996	28.7	0	0
7	1120	1	AUTO	1.9	36	986	28.5	0	0
8	1121	1	AUTO	1.6	38	993	28.2	0	0
9	1122	1	AUTO	1.8	39	1066	27.9	0	0
10	1123	1	AUTO	2.1	39	1037	27.6	0	0
11	1124	1	AUTO	2.1	41	1068	28.4	0	0
12	1125	1	AUTO	1.8	40	1075	27.9	0	0
13	1126	1	AUTO	1.6	39	1057	27.9	0	0
14	1127	1	AUTO	1.9	40	1091	28	0	0
15	1128	1	AUTO	2.3	39	1149	27.8	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.9	56	1013.1	28	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	KILN 1
DESCRIPTION	BASELINE
LOAD	AS FOUND
TEST NUMBER	2
TEST DATE	11-15-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1129	1	AUTO	2.3	38	1188	28.1	0	0
2	1130	1	AUTO	2.5	38	1268	27.9	0	0
3	1131	1	AUTO	2.7	37	1288	25.7	0	0
4	1132	1	AUTO	2	39	1243	27.5	0	0
5	1133	1	AUTO	1.6	40	1214	28.8	0	0
6	1134	1	AUTO	1.8	41	1250	28.8	0	0
7	1135	1	AUTO	2.2	40	1267	27.4	0	0
8	1136	1	AUTO	2.1	41	1293	27.6	0	0
9	1137	1	AUTO	2	40	1327	27.6	0	0
10	1138	1	AUTO	1.4	117	1280	29	0	0
11	1139	1	AUTO	1.4	47	1251	29.7	0	0
12	1140	1	AUTO	2.2	41	1399	27.2	0	0
13	1141	1	AUTO	2.2	41	1418	27.4	0	0
14	1142	1	AUTO	1.6	43	1338	27.9	0	0
15	1143	1	AUTO	1.7	43	1347	29	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2	46	1291.4	28	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	KILN 1
DESCRIPTION	BASELINE
LOAD	AS FOUND
TEST NUMBER	2
TEST DATE	11-15-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1150	1	AUTO	2	46	1464	27.7	0	0
2	1151	1	AUTO	1.3	149	1335	29.2	0	0
3	1152	1	AUTO	2.3	42	1565	27.8	0	0
4	1153	1	AUTO	2.2	41	1485	28.8	0	0
5	1154	1	AUTO	2.1	41	1489	28.6	0	0
6	1155	1	AUTO	1.4	45	1400	27.8	0	0
7	1156	1	AUTO	1.3	40	1443	29.2	0	0
8	1157	1	AUTO	1.2	43	1384	30	0	0
9	1158	1	AUTO	1.3	167	1411	30.6	0	0
10	1159	1	AUTO	1	51	1372	29.2	0	0
11	1200	1	AUTO	1.5	45	1487	28.5	0	0
12	1201	1	AUTO	1.9	44	1588	28.7	0	0
13	1202	1	AUTO	1.9	44	1580	28.7	0	0
14	1203	1	AUTO	1.6	684	1216	30.8	0	0
15	1204	1	AUTO	1.3	50	1394	28.6	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.6	102	1438.9	28.9	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	KILN 1
DESCRIPTION	BASELINE
LOAD	AS FOUND
TEST NUMBER	2
TEST DATE	11-15-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1205	1	AUTO	1.5	42	1497	29.7	0	0
2	1206	1	AUTO	1.7	40	1505	29.7	0	0
3	1207	1	AUTO	1.6	160	1312	30.4	0	0
4	1208	1	AUTO	1.2	43	1401	28.8	0	0
5	1209	1	AUTO	1.3	41	1408	28.9	0	0
6	1210	1	AUTO	1.4	40	1360	30.1	0	0
7	1211	1	AUTO	1.7	43	1440	29.7	0	0
8	1212	1	AUTO	1.5	41	1339	29.4	0	0
9	1213	1	AUTO	1.5	40	1389	28.2	0	0
10	1214	1	AUTO	2.1	41	1527	28.4	0	0
11	1215	1	AUTO	1.3	44	1288	30.9	0	0
12	1216	1	AUTO	1	55	1284	30.6	0	0
13	1217	1	AUTO	1.1	58	1396	28.8	0	0
14	1218	1	AUTO	1.1	45	1409	29.7	0	0
15	1219	1	AUTO	1.4	45	1382	29.9	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.4	52	1395.8	29.5	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	KILN 1
DESCRIPTION	BASELINE
LOAD	AS FOUND
TEST NUMBER	2
TEST DATE	11-15-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1220	1	AUTO	1.6	44	1454	29.8	0	0
2	1221	1	AUTO	1.2	66	1344	29.7	0	0
3	1222	1	AUTO	1.5	45	1298	29.1	0	0
4	1223	1	AUTO	1.8	45	1405	28.4	0	0
5	1224	1	AUTO	1.8	46	1395	29.3	0	0
6	1225	1	AUTO	1.9	44	1388	28.5	0	0
7	1226	1	AUTO	2.1	43	1428	27.8	0	0
8	1227	1	AUTO	1.4	45	1262	30	0	0
9	1228	1	AUTO	1.1	65	1200	30.7	0	0
10	1229	1	AUTO	1.2	47	1285	29.4	0	0
11	1230	1	AUTO	1.5	46	1291	28.9	0	0
12	1231	1	AUTO	1.7	45	1305	28.8	0	0
13	1232	1	AUTO	1.9	45	1435	28.7	0	0
14	1233	1	AUTO	2	49	1381	29.5	0	0
15	1234	1	AUTO	1.3	55	1236	29.7	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.6	49	1340.5	29.2	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	KILN 1
DESCRIPTION	BASELINE
LOAD	AS FOUND
TEST NUMBER	2
TEST DATE	11-15-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1235	1	AUTO	1.4	48	1278	29.8	0	0
2	1236	1	AUTO	1	58	1244	29.7	0	0
3	1237	1	AUTO	1.9	46	1305	28.9	0	0
4	1238	1	AUTO	1.3	309	1174	31.3	0	0
5	1239	1	AUTO	.8	629	1035	31	0	0
6	1240	1	AUTO	1	65	1211	29.2	0	0
7	1241	1	AUTO	1.5	53	1282	28.7	0	0
8	1242	1	AUTO	1.8	47	1313	29	0	0
9	1243	1	AUTO	.9	184	1172	29.7	0	0
10	1244	1	AUTO	2.4	46	1278	27.9	0	0
11	1249	1	AUTO	1.1	46	1186	30.4	0	0
12	1250	1	AUTO	1.6	41	1284	29	0	0
13	1251	1	AUTO	1.5	39	1326	29.7	0	0
14	1252	1	AUTO	1.6	40	1317	29.1	0	0
15	1253	1	AUTO	1.5	40	1288	29.5	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.4	113	1246.2	29.5	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	KILN 1
DESCRIPTION	BASELINE
LOAD	AS FOUND
TEST NUMBER	2
TEST DATE	11-15-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1254	1	AUTO	2	39	1419	28.3	0	0
2	1255	1	AUTO	2.2	37	1385	28.4	0	0
3	1256	1	AUTO	1.8	39	1408	29	0	0
4	1257	1	AUTO	1.3	880	1113	30.6	0	0
5	1258	1	AUTO	1.3	168	1394	30.3	0	0
6	1259	1	AUTO	2.3	47	1490	29.2	0	0
7	1300	1	AUTO	.8	182	1240	30.9	0	0
8	1301	1	AUTO	1.2	44	1317	30	0	0
9	1302	1	AUTO	1.6	41	1334	29.4	0	0
10	1303	1	AUTO	1.3	52	1255	30.6	0	0
11	1304	1	AUTO	1.7	41	1306	29.7	0	0
12	1305	1	AUTO	1.4	61	1248	30	0	0
13	1306	1	AUTO	.6	392	1168	29.9	0	0
14	1307	1	AUTO	.9	106	1237	29.3	0	0
15	1308	1	AUTO	1.1	51	1277	30.2	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.4	145	1306.1	29.7	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-15-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1310	1	AUTO	2	46	1316	28.6	0	0
2	1311	1	AUTO	1.2	168	1312	28.9	0	0
3	1312	1	AUTO	1.7	46	1324	28.6	0	0
4	1313	1	AUTO	1.2	101	1224	30.3	0	0
5	1314	1	AUTO	1.2	45	1215	30.6	0	0
6	1315	1	AUTO	1.7	42	1300	28.2	0	0
7	1316	1	AUTO	2	93	1317	28.5	0	0
8	1317	1	AUTO	1.2	127	1262	29.1	0	0
9	1318	1	AUTO	2	45	1210	28.1	0	0
10	1319	1	AUTO	1.9	42	1192	28.3	0	0
11	1320	1	AUTO	1.2	686	1016	30.2	0	0
12	1321	1	AUTO	1.3	56	1206	28.3	0	0
13	1322	1	AUTO	1.5	42	1148	28.8	0	0
14	1323	1	AUTO	1.7	40	1166	28.5	0	0
15	1324	1	AUTO	2.1	40	1162	28	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.6	108	1224.7	28.9	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-15-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1325	1	AUTO	.6	582	1006	29.3	1	0
2	1326	1	AUTO	1.3	137	1099	28.4	1	0
3	1327	1	AUTO	1.4	49	1070	29.1	1	0
4	1328	1	AUTO	1.6	45	1110	29.2	1	0
5	1329	1	AUTO	1.6	44	1088	28.8	1	0
6	1330	1	AUTO	1.7	43	1072	28.5	1	0
7	1331	1	AUTO	1.8	41	1110	28.2	1	0
8	1332	1	AUTO	1.9	40	1121	28.1	1	0
9	1333	1	AUTO	1.8	40	1136	28.2	1	0
10	1334	1	AUTO	1.7	41	1098	28.5	1	0
11	1335	1	AUTO	1.6	41	1108	28.8	1	0
12	1336	1	AUTO	1.3	40	1046	29.3	1	0
13	1337	1	AUTO	1.2	42	1053	29.3	1	0
14	1338	1	AUTO	1.4	41	1131	28.6	1	0
15	1339	1	AUTO	2	40	1161	27.2	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.5	84	1093.9	28.6	1	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-15-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1340	1	AUTO	2	39	1199	28	1	0
2	1341	1	AUTO	1.8	39	1200	28.3	1	0
3	1342	1	AUTO	1.2	1055	907	30.3	1	0
4	1343	1	AUTO	1.3	100	1214	28	1	0
5	1344	1	AUTO	1.8	44	1258	28.2	1	0
6	1345	1	AUTO	1.7	41	1296	28.2	1	0
7	1346	1	AUTO	2	40	1279	27.6	1	0
8	1347	1	AUTO	1.6	39	1274	28.2	1	0
9	1348	1	AUTO	1.6	40	1267	28.4	1	0
10	1349	1	AUTO	1.6	312	1293	29.2	1	0
11	1350	1	AUTO	.5	362	1047	29.7	1	0
12	1351	1	AUTO	1.2	51	1189	28.1	1	0
13	1352	1	AUTO	1	49	1161	28.9	1	0
14	1353	1	AUTO	.9	44	1153	28.6	1	0
15	1354	1	AUTO	1.5	41	1237	27.9	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.4	153	1198.3	28.5	1	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-15-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1400	1	AUTO	1	59	1067	29.3	1	0
2	1401	1	AUTO	.4	959	939	29.5	1	0
3	1402	1	AUTO	1	91	1144	28.6	1	0
4	1403	1	AUTO	.4	534	1008	29.8	1	0
5	1404	1	AUTO	.8	73	1127	28.5	1	0
6	1405	1	AUTO	1.4	48	1228	27.9	1	0
7	1406	1	AUTO	1.2	846	1029	29.5	1	0
8	1407	1	AUTO	.6	323	1101	29.2	1	0
9	1408	1	AUTO	1.3	57	1251	28.6	1	0
10	1409	1	AUTO	1.1	65	1182	28.9	1	0
11	1410	1	AUTO	1	206	1154	29.2	1	0
12	1411	1	AUTO	1.2	64	1189	29.2	1	0
13	1412	1	AUTO	.9	237	1107	30	1	0
14	1413	1	AUTO	1.9	44	1324	27.6	0	0
15	1414	1	AUTO	2	41	1367	27.7	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.1	243	1147.8	28.9	1	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-15-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1415	1	AUTO	.9	1269	894	30.5	1	0
2	1416	1	AUTO	.7	93	1168	29.2	1	0
3	1417	1	AUTO	.6	63	1135	29.8	0	0
4	1418	1	AUTO	.5	251	1074	29.7	1	0
5	1419	1	AUTO	1.3	53	1248	28.9	1	0
6	1420	1	AUTO	.8	1112	865	30.9	1	0
7	1421	1	AUTO	1.1	139	1191	29.4	1	0
8	1422	1	AUTO	.6	530	1054	31	0	0
9	1423	1	AUTO	1	55	1161	29.6	0	0
10	1424	1	AUTO	.8	357	1130	29.9	0	0
11	1425	1	AUTO	1.1	54	1166	29.6	0	0
12	1426	1	AUTO	1.6	45	1199	29.2	1	0
13	1427	1	AUTO	.9	157	1075	30.3	0	0
14	1428	1	AUTO	1.3	48	1163	29.7	1	0
15	1429	1	AUTO	1.6	41	1160	29.4	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1	284	1112.2	29.8	1	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-15-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1430	1	AUTO	.8	229	1013	30.5	1	0
2	1431	1	AUTO	1.5	44	1098	28.7	0	0
3	1432	1	AUTO	1.5	40	1083	29	1	0
4	1433	1	AUTO	1.1	41	1012	30.1	0	0
5	1434	1	AUTO	.4	1027	783	31.4	1	0
6	1435	1	AUTO	.6	1195	748	31.2	0	0
7	1436	1	AUTO	.4	220	886	30.9	0	0
8	1437	1	AUTO	1.1	54	951	29.9	1	0
9	1438	1	AUTO	1	50	937	31	1	0
10	1439	1	AUTO	.8	441	887	30.6	0	0
11	1440	1	AUTO	1.1	70	934	29.7	0	0
12	1441	1	AUTO	.7	171	815	30.3	1	0
13	1442	1	AUTO	.8	60	855	29.7	1	0
14	1443	1	AUTO	.8	55	833	30.5	1	0
15	1444	1	AUTO	1.2	43	853	29.3	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.9	249	912.5	30.2	1	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-15-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1445	1	AUTO	1.4	41	872	28.1	1	0
2	1446	1	AUTO	1.5	44	832	30.1	1	0
3	1447	1	AUTO	1.2	138	829	29.7	1	0
4	1448	1	AUTO	1	48	924	29.8	1	0
5	1449	1	AUTO	2.2	39	1094	28	1	0
6	1450	1	AUTO	2.3	40	1112	28.8	1	0
7	1451	1	AUTO	1.4	784	921	30.9	1	0
8	1452	1	AUTO	.7	344	994	30.3	1	0
9	1453	1	AUTO	.9	104	1063	30.8	1	0
10	1454	1	AUTO	2	44	1118	28.8	1	0
11	1455	1	AUTO	2.4	39	1082	28	0	0
12	1456	1	AUTO	2.6	39	1090	27.8	0	0
13	1457	1	AUTO	1.9	39	1033	29.7	1	0
14	1458	1	AUTO	1.1	86	893	31.6	1	0
15	1459	1	AUTO	1.3	127	906	30.2	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.6	130	984.2	29.5	1	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-15-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1510	1	AUTO	1.1	347	874	31.3	0	0
2	1511	1	AUTO	1.9	40	1003	28.7	0	0
3	1512	1	AUTO	2.3	36	976	29.3	0	0
4	1513	1	AUTO	1.7	77	914	30.9	0	0
5	1514	1	AUTO	1	116	875	29.8	0	0
6	1515	1	AUTO	1.7	39	889	29.8	0	0
7	1516	1	AUTO	1.6	38	882	29.4	0	0
8	1517	1	AUTO	1.8	35	898	29.4	0	0
9	1518	1	AUTO	1.8	34	858	29	0	0
10	1519	1	AUTO	1.6	35	802	29.8	0	0
11	1520	1	AUTO	.8	335	739	30.7	0	0
12	1521	1	AUTO	.7	344	726	31.9	0	0
13	1522	1	AUTO	1.4	49	829	29.2	0	0
14	1523	1	AUTO	1.8	38	876	29.5	0	0
15	1524	1	AUTO	1.3	34	850	29.3	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.5	106	866.1	29.9	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-15-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1537	1	AUTO	2.2	33	1109	28.1	0	0
2	1538	1	AUTO	2.4	32	1102	28.2	0	0
3	1539	1	AUTO	2.4	32	1122	28	0	0
4	1540	1	AUTO	2.6	32	1093	28.4	0	0
5	1541	1	AUTO	2.6	32	1097	27.8	0	0
6	1542	1	AUTO	1.8	83	1005	29.6	0	0
7	1543	1	AUTO	1.9	34	1082	28.3	0	0
8	1544	1	AUTO	2	33	1110	28.7	0	0
9	1545	1	AUTO	1.8	34	1174	29.1	0	0
10	1546	1	AUTO	2	33	1141	28.5	0	0
11	1547	1	AUTO	1.8	40	1099	30	0	0
12	1548	1	AUTO	1.5	62	1071	28.8	0	0
13	1549	1	AUTO	1.9	153	1077	30.1	0	0
14	1550	1	AUTO	1.9	47	1161	28.5	0	0
15	1551	1	AUTO	2.6	33	1222	28.2	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.1	48	1111	28.7	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-15-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1552	1	AUTO	2.2	33	1169	28.6	0	0
2	1553	1	AUTO	2.6	33	1202	28.3	0	0
3	1554	1	AUTO	2.5	33	1133	27.9	0	0
4	1555	1	AUTO	1.5	841	973	30.6	0	0
5	1556	1	AUTO	1.8	91	1120	29.1	0	0
6	1557	1	AUTO	1.5	37	1073	30	0	0
7	1558	1	AUTO	1.6	35	1072	30.6	0	0
8	1559	1	AUTO	1.5	35	1099	29.3	0	0
9	1600	1	AUTO	2.2	32	1095	28.8	0	0

5	0636	AUTO	1.7	60	1503	29.6	0	0
6	0637	AUTO	.8	66	1416	30.8	0	0
7	0641	AUTO	2.4	55	1732	28.2	0	0
8	0642	AUTO	2.1	54	1660	27.5	0	0
9	0643	AUTO	2	57	1673	28.8	0	0
10	0644	AUTO	1.5	58	1527	29.4	0	0
11	0645	AUTO	.9	90	1560	30.1	0	0
12	0646	AUTO	.9	62	1458	30.2	0	0
13	0647	AUTO	.8	104	1557	28.7	0	0
14	0648	AUTO	1.7	59	1658	28.8	0	0
15	0649	AUTO	2	56	1740	28.8	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15			1.8	62	1613.5	28.8	0	0

NOVEMBER 17, 1983

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0650		AUTO	1.9	56	1763	27.5	0	0
2	0651		AUTO	2.2	55	1807	27	0	0
3	0652		AUTO	1.7	60	1635	30	0	0
4	0653		AUTO	1.4	63	1659	29.7	0	0
5	0654		AUTO	1.7	60	1729	29	0	0
6	0655		AUTO	2	56	1774	27.3	0	0
7	0656		AUTO	1.6	74	1639	29.6	0	0
8	0657		AUTO	1.1	249	1397	32.6	0	0
9	0658		AUTO	.9	65	1569	30	0	0
10	0659		AUTO	1.5	61	1672	28.9	0	0
11	0700		AUTO	1.2	68	1531	29.5	0	0
12	0701		AUTO	1.9	60	1661	29.9	0	0
13	0702		AUTO	1.5	336	1410	31.8	0	0
14	0703		AUTO	1.4	60	1664	28.4	0	0
15	0704		AUTO	1.9	57	1697	28.2	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.6	92	1640.5	29.3	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0705		AUTO	2.1	57	1651	29.8	0	0
2	0706		AUTO	1.7	58	1619	30.1	0	0
3	0707		AUTO	1.4	57	1606	28.8	0	0
4	0708		AUTO	1.9	55	1598	29	0	0
5	0709		AUTO	1.7	56	1518	30.2	0	0
6	0710		AUTO	1.6	57	1522	29.8	0	0
7	0711		AUTO	.9	63	1388	30.4	0	0
8	0712		AUTO	1	60	1373	30	0	0
9	0713		AUTO	1.7	57	1453	28.8	0	0
10	0714		AUTO	2	55	1504	28.7	0	0
11	0715		AUTO	1.9	54	1474	28.2	0	0
12	0716		AUTO	2.3	53	1369	27.9	0	0
13	0717		AUTO	2.2	54	1304	28.5	0	0
14	0718		AUTO	2.1	55	1319	29.1	0	0
15	0719		AUTO	1.5	55	1290	28.9	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.7	56	1465.9	29.2	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0720		AUTO	1.2	58	1166	30.6	0	0
2	0721		AUTO	1.3	58	1169	31.5	0	0
3	0722		AUTO	1.5	57	1155	31.3	0	0
4	0723		AUTO	.5	64	1050	30.9	0	0
5	0724		AUTO	.3	167	976	31.3	0	0
6	0725		AUTO	.1	1302	744	32	0	0
7	0726		AUTO	1.5	63	1051	30.1	0	0
8	0727		AUTO	.5	1029	830	33.2	0	0
9	0728		AUTO	1.2	61	1134	30	0	0
10	0729		AUTO	1.6	58	1180	28.9	0	0
11	0730		AUTO	1.4	56	1104	30.5	0	0
12	0731		AUTO	.4	991	913	30.9	0	0
13	0732		AUTO	1.4	59	1090	30.5	0	0
14	0733		AUTO	1.8	55	1115	29.9	0	0
15	0734		AUTO	1.8	61	1135	29.1	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.1	276	1054.1	30.7	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0744	1	AUTO	1.7	65	1058	31.4	0	0
2	0745	1	AUTO	1.7	63	1070	28.9	0	0
3	0746	1	AUTO	1.1	88	970	31.7	0	0
4	0747	1	AUTO	1	67	955	31.3	0	0
5	0748	1	AUTO	1.6	65	983	30.9	0	0
6	0749	1	AUTO	1.4	77	1021	30.4	0	0
7	0750	1	AUTO	2.1	56	1076	28.5	0	0
8	0751	1	AUTO	2.1	59	1058	28.4	0	0
9	0752	1	AUTO	1.4	74	964	31.8	0	0
10	0753	1	AUTO	1.6	65	1003	30.2	0	0
11	0754	1	AUTO	1.4	64	999	28.8	0	0
12	0755	1	AUTO	1.5	62	993	29.2	0	0
13	0756	1	AUTO	1.8	60	997	29.4	0	0
14	0757	1	AUTO	2.3	58	985	28.1	0	0
15	0758	1	AUTO	2.3	57	1011	28.8	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.7	65	1009.5	29.9	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0759	1	AUTO	1.9	57	991	27.9	0	0
2	0800	1	AUTO	1.4	63	938	30.4	0	0
3	0801	1	AUTO	2.1	60	1015	29.9	0	0
4	0802	1	AUTO	1.1	81	1022	28.4	0	0
5	0803	1	AUTO	2.1	59	1060	27.7	0	0
6	0804	1	AUTO	2	58	1045	28.6	0	0
7	0805	1	AUTO	1.7	183	938	30.5	0	0
8	0806	1	AUTO	1.7	61	1052	29.2	0	0
9	0807	1	AUTO	1.6	60	1045	29.5	0	0
10	0808	1	AUTO	.9	61	923	28	0	0
11	0809	1	AUTO	.4	1038	709	31	0	0
12	0810	1	AUTO	.1	1084	701	30.6	0	0
13	0811	1	AUTO	1.4	310	870	29.2	0	0
14	0812	1	AUTO	.9	62	885	28.3	0	0
15	0813	1	AUTO	1.2	61	884	28.3	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.4	220	938.5	29.2	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	

2	08[illegible]15 11 17 1 1983		AUTO	1.7	60	973	27.8	0	0

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0814	1	AUTO	1.2	62	914	28.5	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0815	X1	AUTO	1.9	57	999	27.2	0	0
2	0816	X1	AUTO	1.6	58	987	26.9	0	0
3	0817	X1	AUTO	1.5	57	955	27.7	0	0
4	0818	X1	AUTO	1.3	58	961	28.5	0	0
5	0819	X1	AUTO	.6	67	828	30.6	0	0
6	0820	X1	AUTO	.4	168	860	30.7	0	0
7	0821	X1	AUTO	.3	1713	288	29.2	0	0
8	0822	X1	AUTO	.2	369	783	29.3	0	0
9	0823	X1	AUTO	.6	71	874	30.2	0	0
10	0824	X1	AUTO	.5	144	976	28.9	0	0
11	0825	X1	AUTO	1.2	55	1055	27.5	0	0
12	0826	X1	AUTO	.2	477	832	28.2	0	0
13	0827	X1	AUTO	.9	469	855	30	0	0
14	0828	X1	AUTO	.8	67	1005	28.6	0	0
15	0829	X1	AUTO	.7	67	935	29.5	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.8	260	879.5	28.9	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0830	X1	AUTO	.7	62	1013	28.2	0	0
2	0831	X1	AUTO	.6	78	960	29	0	0
3	0832	X1	AUTO	1.2	59	1030	29	0	0
4	0833	X1	AUTO	.6	325	915	30	0	0
5	0834	X1	AUTO	.3	793	807	29.9	0	0
6	0835	X1	AUTO	.6	67	1050	28	0	0
7	0836	X1	AUTO	.8	68	976	29.7	0	0
8	0837	X1	AUTO	1.3	63	1069	29	0	0
9	0838	X1	AUTO	1	66	1080	28.4	0	0
10	0839	X1	AUTO	.6	1149	784	30	0	0
11	0840	X1	AUTO	.2	1371	649	31	0	0
12	0841	X1	AUTO	.3	103	956	29.2	0	0
13	0842	X1	AUTO	.7	73	1041	28.3	0	0
14	0843	X1	AUTO	1.2	122	1015	30.8	0	0
15	0844	X1	AUTO	.5	1609	525	30.5	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.7	401	924.7	29.4	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0850	1	AUTO	1.5	50	1184	28	0	0
2	0851	1	AUTO	1.3	49	1189	28.7	0	0
3	0852	1	AUTO	.7	54	1139	27.7	0	0
4	0853	1	AUTO	1.4	49	1200	28.6	0	0
5	0854	1	AUTO	1.3	54	1122	29.3	0	0
6	0855	1	AUTO	.9	50	1107	28	0	0
7	0856	1	AUTO	.8	49	1067	27.9	0	0
8	0857	1	AUTO	1	53	1057	29.2	0	0
9	0858	1	AUTO	.7	56	1014	28.4	0	0
10	0859	1	AUTO	.8	52	980	28.2	0	0
11	0900	1	AUTO	.7	109	954	29.5	0	0
12	0901	1	AUTO	.1	1678	266	29.5	0	0
13	0902	1	AUTO	.1	1531	367	29.2	0	0
14	0903	1	AUTO	.1	125	729	29.5	0	0
15	0904	1	AUTO	.7	62	869	29.5	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.8	268	949.6	28.7	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0905	1	AUTO	.6	55	929	28.8	0	0
2	0906	1	AUTO	1	48	1056	27.4	0	0
3	0907	1	AUTO	.3	392	866	31.2	0	0
4	0908	1	AUTO	.3	502	871	30.7	0	0
5	0909	1	AUTO	.5	79	1086	27.9	0	0
6	0910	1	AUTO	.6	232	1041	29.6	0	0
7	0911	1	AUTO	.4	186	1037	29.8	0	0
8	0912	1	AUTO	.6	991	909	29.8	0	0
9	0913	1	AUTO	1	73	1113	27.9	0	0
10	0914	1	AUTO	1.4	46	1178	28.8	0	0
11	0915	1	AUTO	1.2	54	1131	29.3	0	0
12	0916	1	AUTO	.6	54	1061	28.5	0	0
13	0917	1	AUTO	.3	339	984	30.5	0	0
14	0918	1	AUTO	.7	1575	566	31.1	0	0
15	0919	1	AUTO	.7	66	1152	27.9	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.7	313	998.7	29.3	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0920	1	AUTO	.5	1524	654	30.5	0	0
2	0921	1	AUTO	.5	66	1049	30.3	0	0
3	0922	1	AUTO	1.4	50	1232	28.7	0	0
4	0923	1	AUTO	.9	52	1097	28.8	0	0
5	0924	1	AUTO	1	50	1136	29.3	0	0
6	0925	1	AUTO	1.3	50	1160	29.2	0	0
7	0926	1	AUTO	.8	51	1107	28.3	0	0
8	0927	1	AUTO	.8	73	1033	30.2	0	0
9	0928	1	AUTO	.1	1684	310	30.5	0	0
10	0929	1	AUTO	.1	768	716	30.2	0	0
11	0930	1	AUTO	.7	77	1065	28.7	0	0
12	0931	1	AUTO	1.4	59	1050	29.6	0	0
13	0932	1	AUTO	.7	58	993	30.8	0	0
14	0933	1	AUTO	.9	52	1006	29	0	0
15	0934	1	AUTO	.9	52	973	29.7	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.8	311	972.1	29.6	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0935	1	AUTO	.3	1059	745	30.4	0	0
2	0936	1	AUTO	.1	1887	92	29	0	0
3	0937	1	AUTO	.2	324	820	29.9	0	0
4	0938	1	AUTO	.3	689	744	31.6	0	0
5	0939	1	AUTO	.7	587	823	30	0	0
6	0940	1	AUTO	.2	98	800	30.2	0	0
7	0941	1	AUTO	.1	1071	591	31.1	0	0
8	0942	1	AUTO	.8	61	829	28.6	0	0
9	0943	1	AUTO	.6	227	736	29.8	0	0
10	0944	1	AUTO	.7	52	749	30.3	0	0
11	0945	1	AUTO	.1	662	656	31	0	0
12	0946	1	AUTO	.2	1229	586	30.2	0	0
13	0947	1	AUTO	.5	308	695	29.6	0	0
14	0948	1	AUTO	.8	578	620	30.9	0	0
15	0949	1	AUTO	.6	57	723	29	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.4	593	680.6	30.1	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0950	1	AUTO	.6	46	703	29.1	0	0
2	0951	1	AUTO	1	44	703	29.3	0	0
3	0952	1	AUTO	.9	44	675	29.3	0	0
4	0953	1	AUTO	.2	676	574	30.3	0	0
5	0954	1	AUTO	.1	1515	419	29.9	0	0
6	0955	1	AUTO	.1	765	559	31.2	0	0
7	0956	1	AUTO	.1	1703	265	30	0	0
8	0957	1	AUTO	.6	75	692	28.5	0	0
9	0958	1	AUTO	.8	55	680	29.2	0	0
10	0959	1	AUTO	.2	1688	246	30.6	0	0
11	1000	1	AUTO	.1	1709	243	29.2	0	0
12	1001	1	AUTO	.2	115	630	30.4	0	0
13	1002	1	AUTO	.6	148	658	29.7	0	0
14	1003	1	AUTO	.1	1507	434	30	0	0
15	1004	1	AUTO	.1	811	594	29.3	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.4	727	538.3	29.7	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1005	1	AUTO	.1	500	609	29.9	0	0
	NOTE- CAL AT 1005								
2	1010	1	AUTO	.7	49	733	29.2	0	0
3	1011	1	AUTO	.7	48	711	28.8	0	0
4	1012	1	AUTO	.8	48	725	29.6	0	0
5	1013	1	AUTO	.7	45	754	29	0	0
6	1014	1	AUTO	.6	44	723	29.1	0	0
7	1015	1	AUTO	.1	1424	440	30.1	0	0
8	1016	1	AUTO	.1	1900	60	28.6	0	0
9	1017	1	AUTO	.3	107	734	28.8	0	0
10	1018	1	AUTO	.6	212	768	29.2	0	0
11	1019	1	AUTO	.5	65	778	28.8	0	0
12	1020	1	AUTO	.9	50	822	29	0	0
13	1021	1	AUTO	.8	99	771	28.6	0	0
14	1022	1	AUTO	.1	996	617	30.5	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14				.5	399	660.4	29.2	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1023	1	AUTO	.5	57	763	29.8	0	0
2	1024	1	AUTO	.9	46	810	28.3	0	0
3	1025	1	AUTO	.2	1300	569	30.3	0	0
4	1026	1	AUTO	.4	675	683	30.4	0	0
5	1027	1	AUTO	.1	900	644	29.9	0	0
6	1028	1	AUTO	.5	52	731	29.2	0	0
7	1029	1	AUTO	.5	311	643	31	0	0
8	1030	1	AUTO	.4	63	714	29.7	0	0
9	1031	1	AUTO	.5	70	712	28.6	0	0
10	1032	1	AUTO	.1	1025	534	30.1	0	0
11	1033	1	AUTO	.2	138	613	29.9	0	0
12	1034	1	AUTO	.6	83	694	28.6	0	0
13	1035	1	AUTO	.7	50	693	28.5	0	0
14	1036	1	AUTO	.7	197	644	30.6	0	0
15	1037	1	AUTO	.2	1598	367	29.4	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.4	438	654.3	29.6	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1038	1	AUTO	.1	813	583	29.3	0	0
2	1039	1	AUTO	.1	1377	432	29.8	0	0
3	1040	1	AUTO	.1	147	634	29.1	0	0
4	1041	1	AUTO	.3	984	596	29.3	0	0
5	1042	1	AUTO	.2	575	608	29.7	0	0
6	1043	1	AUTO	.4	1094	560	30.6	0	0
7	1044	1	AUTO	.2	301	623	29.5	0	0
8	1045	1	AUTO	.5	48	652	28.8	0	0
9	1046	1	AUTO	.6	430	648	29.8	0	0
10	1047	1	AUTO	.6	44	676	28.9	0	0
11	1048	1	AUTO	.6	44	702	28.1	0	0
12	1049	1	AUTO	.3	1417	444	29.7	0	0
13	1050	1	AUTO	.1	1336	448	29.7	0	0
14	1051	1	AUTO	.1	752	558	29.3	0	0
15	1052	1	AUTO	.3	101	645	29	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.3	631	587.3	29.4	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1053	1	AUTO	.3	633	568	30	0	0
2	1054	1	AUTO	.4	655	599	29	0	0
3	1055	1	AUTO	.2	986	486	29.1	0	0
4	1056	1	AUTO	.6	50	615	28.9	0	0
5	1057	1	AUTO	.8	66	604	29.5	0	0
6	1058	1	AUTO	.1	1663	253	28.8	0	0
7	1059	1	AUTO	.1	992	491	29.7	0	0
8	1100	1	AUTO	.3	66	573	29.7	0	0
9	1101	1	AUTO	.1	1312	434	29	0	0
10	1102	1	AUTO	.5	94	578	29.5	0	0
11	1103	1	AUTO	.3	1010	511	30.2	0	0
12	1104	1	AUTO	.1	1034	490	29	0	0
13	1105	1	AUTO	.5	65	578	28.4	0	0
14	1106	1	AUTO	.8	54	611	29.3	0	0
15	1107	1	AUTO	.4	55	593	28.3	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.4	582	532.3	29.2	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1117	1	AUTO	.1	1760	180	29.5	0	0
2	1118	1	AUTO	.1	1097	329	30	0	0
3	1119	1	AUTO	.1	395	423	29.3	0	0
4	1120	1	AUTO	.1	813	421	29.6	0	0
5	1121	1	AUTO	.1	1666	214	29.8	0	0
6	1122	1	AUTO	.1	194	403	28.6	0	0
7	1123	1	AUTO	.2	147	424	29.2	0	0
8	1124	1	AUTO	.1	924	401	30.1	0	0
9	1125	1	AUTO	.1	1630	241	29.1	0	0
10	1126	1	AUTO	.1	1930	30	27.7	0	0
11	1127	1	AUTO	.1	1671	169	29.5	0	0
12	1128	1	AUTO	.1	1548	235	29.8	0	0
13	1129	1	AUTO	.1	921	304	29.7	0	0
14	1130	1	AUTO	0	1814	107	30.3	0	0
15	1131	1	AUTO	.1	623	405	30.2	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.1	1142	285.7	29.5	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1132	1	AUTO	.1	373	470	29.6	0	0
2	1133	1	AUTO	1.1	60	643	29.3	0	0
3	1134	1	AUTO	1.1	43	657	29.8	0	0
4	1135	1	AUTO	1	39	628	30	0	0
5	1136	1	AUTO	.5	1827	189	31.3	0	0
6	1137	1	AUTO	.8	85	707	30.3	0	0
7	1138	1	AUTO	.9	41	706	30.4	0	0
8	1139	1	AUTO	.8	140	664	32.4	0	0
9	1140	1	AUTO	.6	39	718	31.2	0	0
10	1141	1	AUTO	.9	38	729	29.7	0	0
11	1142	1	AUTO	1.3	33	732	30.8	0	0
12	1143	1	AUTO	1	35	694	29.8	0	0
13	1144	1	AUTO	1.6	37	670	29.3	0	0
14	1145	1	AUTO	2	33	723	30	0	0
15	1146	1	AUTO	.8	33	604	31.1	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1	190	635.6	30.3	0	0

1133 - 1201 FEEDER SPEED = 17.12 RPH

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1147	1	AUTO	.1	1758	223	32.2	0	0
2	1148	1	AUTO	.2	216	560	32.5	0	0
3	1149	1	AUTO	.3	305	559	31.3	0	0
4	1150	1	AUTO	.3	1383	443	32.3	0	0
5	1151	1	AUTO	.4	125	567	31.2	0	0
6	1152	1	AUTO	.7	48	517	31.5	0	0
7	1153	1	AUTO	1	33	512	31.2	0	0
8	1154	1	AUTO	.7	35	600	30.8	0	0
9	1155	1	AUTO	.8	39	554	30.8	0	0
10	1156	1	AUTO	.8	35	547	30.8	0	0
11	1157	1	AUTO	1	32	549	29	0	0
12	1158	1	AUTO	.9	33	534	30.2	0	0
13	1159	1	AUTO	.3	806	545	31	0	0
14	1200	1	AUTO	.5	38	612	29.9	0	0
15	1201	1	AUTO	.5	34	648	30.4	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.6	328	531.3	31	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1208	1	AUTO	1.2	47	698	29.4	0	0
2	1209	1	AUTO	.9	102	733	29.5	0	0
3	1210	1	AUTO	1	45	747	29.3	0	0
4	1211	1	AUTO	1.3	42	766	29.4	0	0
5	1212	1	AUTO	1	711	698	29.3	0	0
6	1213	1	AUTO	1.4	41	825	29.3	0	0
7	1214	1	AUTO	.7	58	742	29.2	0	0
8	1215	1	AUTO	.9	39	796	29.3	0	0
9	1216	1	AUTO	.8	38	800	29.3	0	0
10	1217	1	AUTO	.9	270	811	0	0	0
11	1218	1	AUTO	.8	53	867	30.5	0	0
12	1219	1	AUTO	1.5	40	989	28.7	0	0
13	1220	1	AUTO	1.4	1002	816	31.7	0	0
14	1221	1	AUTO	.6	804	845	30.9	0	0
15	1222	1	AUTO	1.9	45	1017	29.2	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.1	222	810	27.7	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1223	1	AUTO	2	45	991	29.3	0	0
2	1224	1	AUTO	1.8	44	1011	29.9	0	0
3	1225	1	AUTO	2	45	958	29.1	0	0
4	1226	1	AUTO	1.5	43	954	31.2	0	0
5	1227	1	AUTO	1	44	963	31.4	0	0
6	1228	1	AUTO	1.3	45	911	31	0	0
7	1229	1	AUTO	.9	47	849	33.4	0	0
8	1230	1	AUTO	.3	167	757	32.3	0	0
9	1231	1	AUTO	.1	1605	444	33.8	0	0
10	1232	1	AUTO	.1	1832	195	32.2	0	0
11	1233	1	AUTO	.2	337	711	32.4	0	0
12	1234	1	AUTO	.5	631	705	33.2	0	0
13	1235	1	AUTO	.5	549	712	33.3	0	0
14	1236	1	AUTO	.6	100	737	32.3	0	0
15	1237	1	AUTO	.8	49	757	33.7	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.9	372	777	31.9	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1238	1	AUTO	.8	47	756	31.8	0	0
2	1239	1	AUTO	1	87	689	31.8	0	0
3	1240	1	AUTO	1.2	47	677	32.9	0	0
4	1241	1	AUTO	.7	45	635	32.7	0	0
5	1242	1	AUTO	.4	617	545	34	0	0
6	1243	1	AUTO	.1	1774	203	34.1	0	0
7	1244	1	AUTO	.1	1292	435	34.5	0	0
8	1245	1	AUTO	.2	420	463	34.5	0	0
9	1246	1	AUTO	.5	505	507	33.9	0	0
10	1247	1	AUTO	.8	49	483	32.3	0	0
11	1248	1	AUTO	.3	488	434	34.3	0	0
12	1249	1	AUTO	.2	816	436	33.7	0	0
13	1250	1	AUTO	.1	765	381	34.2	0	0
14	1251	1	AUTO	.2	1037	352	34.3	0	0
15	1252	1	AUTO	.1	1295	291	34.7	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.4	619	485.8	33.6	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1253	1	AUTO	.1	1640	213	33.7	0	0
2	1254	1	AUTO	.3	103	371	33.4	0	0
3	1255	1	AUTO	.7	47	398	33.1	0	0
4	1256	1	AUTO	.5	85	379	32.9	0	0
5	1257	1	AUTO	.8	43	380	32.9	0	0
6	1258	1	AUTO	.3	1300	307	33.8	0	0
7	1259	1	AUTO	.1	1875	31	32	0	0
8	1300	1	AUTO	.2	230	327	33.7	0	0
9	1301	1	AUTO	.2	223	328	33.6	0	0
10	1302	1	AUTO	.3	157	342	32.2	0	0
11	1303	1	AUTO	.2	329	325	33.8	0	0
12	1304	1	AUTO	.3	1173	308	33.5	0	0
13	1305	1	AUTO	.1	954	289	34.1	0	0
14	1306	1	AUTO	.3	1427	266	34.8	0	0
15	1307	1	AUTO	.1	1430	245	33.5	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.3	734	300.6	33.4	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1320	1	AUTO	1.4	56	420	29.1	0	0
2	1321	1	AUTO	1.5	47	444	29.2	0	0
3	1322	1	AUTO	1	41	410	30.4	0	0
4	1323	1	AUTO	.5	625	379	31.6	0	0
5	1324	1	AUTO	.3	539	420	30.8	0	0
6	1325	1	AUTO	1	42	498	30.2	0	0
7	1326	1	AUTO	1.5	42	507	28.8	0	0
8	1327	1	AUTO	.4	361	467	30.6	0	0
9	1328	1	AUTO	.2	1129	425	31.6	0	0
10	1329	1	AUTO	.8	69	533	30.3	0	0
11	1330	1	AUTO	.8	1082	532	31	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1331	1	AUTO	1.7	43	628	29.5	0	0
2	1332	1	AUTO	.7	173	580	29.6	0	0
3	1333	1	AUTO	1.6	39	635	27.6	0	0
4	1334	1	AUTO	1.7	41	646	28.5	0	0
5	1335	1	AUTO	1.7	40	662	28.2	0	0
6	1336	1	AUTO	1.6	39	685	28.1	0	0
7	1337	1	AUTO	.9	34	698	28.4	0	0
8	1338	1	AUTO	.2	1343	516	29.7	0	0
9	1339	1	AUTO	.1	923	576	30	0	0
10	1340	1	AUTO	.8	44	750	29	0	0
11	1341	1	AUTO	.7	264	737	29.2	0	0
12	1342	1	AUTO	.1	1474	486	29.1	0	0
13	1343	1	AUTO	.1	550	527	30.5	0	0
14	1344	1	AUTO	.8	46	850	28.9	0	0
15	1345	1	AUTO	1	39	852	27.7	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.9	339	655.2	28.9	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1346	1	AUTO	1	39	798	27.7	0	0
2	1347	1	AUTO	1.9	39	943	27.1	0	0
3	1348	1	AUTO	1.1	1014	656	30.5	0	0
4	1349	1	AUTO	.8	124	1028	28.1	0	0
5	1350	1	AUTO	1.4	39	1165	28.1	0	0
6	1351	1	AUTO	1.7	38	1184	28.2	0	0
7	1352	1	AUTO	1.5	38	1266	27.8	0	0
8	1353	1	AUTO	1	122	1239	27.7	0	0
9	1354	1	AUTO	2.2	38	1298	27.3	0	0
10	1355	1	AUTO	2.6	38	1392	26.7	0	0
11	1356	1	AUTO	1.9	35	1378	27	0	0
12	1357	1	AUTO	1.7	37	1370	28.3	0	0
13	1358	1	AUTO	.6	46	1188	30.2	0	0
14	1359	1	AUTO	.8	40	1251	28.1	0	0
15	1400	1	AUTO	1.6	38	1328	28.3	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.5	115	1165.6	28.1	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1407	1	AUTO	1.2	48	1404	30.1	0	0
2	1408	1	AUTO	1.4	45	1466	29.1	0	0
3	1409	1	AUTO	1.9	44	1441	28.8	0	0
4	1410	1	AUTO	2.2	43	1510	28.4	0	0
5	1411	1	AUTO	1.7	43	1482	28.2	0	0
6	1412	1	AUTO	1.8	41	1464	28.9	0	0
7	1413	1	AUTO	1.7	39	1502	29.5	0	0
8	1414	1	AUTO	1.7	41	1516	28.3	0	0
9	1415	1	AUTO	1.4	42	1377	29.8	0	0
10	1416	1	AUTO	1.1	42	1387	29.9	0	0
11	1417	1	AUTO	.3	1587	659	30.6	0	0
12	1418	1	AUTO	.2	832	1179	32.4	0	0
13	1419	1	AUTO	.1	1176	1011	32.1	0	0
14	1420	1	AUTO	1.5	67	1475	28.5	0	0
15	1421	1	AUTO	1.3	48	1392	31.3	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.3	276	1351	29.7	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1422	1	AUTO	1.2	46	1451	29.7	0	0
2	1423	1	AUTO	1.1	62	1406	30.1	0	0
3	1424	1	AUTO	1.6	54	1400	31.3	0	0
4	1425	1	AUTO	1.8	44	1459	30	0	0
5	1426	1	AUTO	.9	42	1274	31.1	0	0
6	1427	1	AUTO	1.6	44	1388	32.1	0	0
7	1428	1	AUTO	1.6	43	1403	30.3	0	0
8	1429	1	AUTO	1.5	44	1313	30.3	0	0
9	1430	1	AUTO	1.1	43	1221	32.6	0	0
10	1431	1	AUTO	1	43	1271	31.9	0	0
11	1432	1	AUTO	.6	817	1046	32.8	0	0
12	1433	1	AUTO	1.2	48	1236	32.6	0	0
13	1434	1	AUTO	1.4	46	1240	31	0	0
14	1435	1	AUTO	1.6	45	1215	30.7	0	0
15	1436	1	AUTO	1	876	989	34.3	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.3	153	1287.5	31.4	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	K-1
DESCRIPTION	N2 INJECTION
LOAD	AS FOUND
TEST NUMBER	3
TEST DATE	11-17-1983

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1437	1	AUTO	.8	62	1081	31.9	0	0
2	1438	1	AUTO	.5	154	974	33.6	0	0
3	1439	1	AUTO	.9	891	915	34.4	0	0
4	1440	1	AUTO	.4	326	907	33	0	0
5	1441	1	AUTO	1.5	47	1017	29.8	0	0
6	1442	1	AUTO	.4	696	814	32.9	0	0
7	1443	1	AUTO	1.3	46	857	31.9	0	0
8	1444	1	AUTO	1	557	767	33.4	0	0
AVG, ID'S #1,2,3,4,5,7,8				.9	298	931.1	32.6	0	0

EMISSION MONITOR DATA SET 3

FEBRUARY 29 - MARCH 3, 1984

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 2-29-84

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1531	KILN OUT	AUTO	1.4	40	764	31.4	0	0
2	1532	KILN OUT	AUTO	2	36	768	30	0	0
3	1533	KILN OUT	AUTO	1.8	42	791	30.2	0	0
4	1534	KILN OUT	AUTO	1.6	44	765	30.9	0	0
5	1535	KILN OUT	AUTO	1.5	34	784	29.9	0	0
6	1536	KILN OUT	AUTO	1.9	39	831	29.9	0	0
7	1537	KILN OUT	AUTO	1.6	33	791	30.6	0	0
8	1538	KILN OUT	AUTO	1.3	33	810	31	0	0
9	1539	KILN OUT	AUTO	1.2	34	778	31.7	0	0
10	1540	KILN OUT	AUTO	1.3	39	812	31.6	0	0
11	1541	KILN OUT	AUTO	1.2	46	842	30.7	0	0
12	1542	KILN OUT	AUTO	1.4	37	870	29.9	0	0
13	1543	KILN OUT	AUTO	1.9	40	845	30.4	0	0
14	1544	KILN OUT	AUTO	.9	543	789	31.6	0	0
15	1545	KILN OUT	AUTO	1	44	837	32	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.5	72	805.1	30.8	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 2-29-84

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1546	KILN OUT	AUTO	.9	68	780	33.6	0	0
2	1547	KILN OUT	AUTO	1.4	41	813	31	0	0
3	1548	KILN OUT	AUTO	1.5	31	845	30.2	0	0
4	1549	KILN OUT	AUTO	1.3	37	767	31.8	0	0
5	1550	KILN OUT	AUTO	1.4	32	780	31.2	0	0
6	1551	KILN OUT	AUTO	1.7	41	789	29.7	0	0
7	1552	KILN OUT	AUTO	1.2	33	794	31.5	0	0
8	1553	KILN OUT	AUTO	1.5	38	811	31.3	0	0
9	1554	KILN OUT	AUTO	1.1	39	811	31.2	0	0
10	1555	KILN OUT	AUTO	1.1	36	777	31.2	0	0
11	1556	KILN OUT	AUTO	1.1	71	795	32.3	0	0
12	1557	KILN OUT	AUTO	.5	1759	665	33.2	0	0
13	1558	KILN OUT	AUTO	.4	760	717	32.5	0	0
14	1559	KILN OUT	AUTO	1.6	51	869	30.7	0	0
15	1600	KILN OUT	AUTO	1.5	42	813	31.8	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.2	205	788.4	31.5	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW O2
LOAD
TEST NUMBER 1
TEST DATE 2-29-84

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1601	KILN OUT	AUTO	.6	155	762	32	0	0
2	1602	KILN OUT	AUTO	1.1	241	733	33.5	0	0
3	1603	KILN OUT	AUTO	1.5	39	739	30.2	0	0
4	1604	KILN OUT	AUTO	.6	387	707	32.7	0	0
5	1605	KILN OUT	AUTO	.7	83	742	33.1	0	0
6	1606	KILN OUT	AUTO	1.3	41	748	32.2	0	0
7	1607	KILN OUT	AUTO	.5	1604	674	33.2	0	0
8	1608	KILN OUT	AUTO	1.5	58	763	30.2	0	0
9	1609	KILN OUT	AUTO	2	41	767	30	0	0
10	1610	KILN OUT	AUTO	1.7	37	773	30.5	0	0
11	1611	KILN OUT	AUTO	2	39	735	29.5	0	0
12	1612	KILN OUT	AUTO	1.6	31	726	32.4	0	0
13	1613	KILN OUT	AUTO	1.4	33	717	31.1	0	0
14	1614	KILN OUT	AUTO	1.1	32	680	31	0	0
15	1615	KILN OUT	AUTO	1.6	40	760	31.1	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.3	191	735.1	31.5	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 2-29-84

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1624	KILN OUT	AUTO	1.5	41	789	30.9	0	0
2	1625	KILN OUT	AUTO	1.9	36	803	30.8	0	0
3	1626	KILN OUT	AUTO	.9	842	699	33	0	0
4	1627	KILN OUT	AUTO	.6	101	747	33.8	0	0
5	1628	KILN OUT	AUTO	1.6	39	827	30.3	0	0
6	1629	KILN OUT	AUTO	2	37	850	29.2	0	0
7	1630	KILN OUT	AUTO	1.9	39	833	31	0	0
8	1631	KILN OUT	AUTO	1	2000	418	32.6	0	0
9	1632	KILN OUT	AUTO	.2	682	662	33.2	0	0
10	1633	KILN OUT	AUTO	1.4	78	691	33.4	0	0
11	1634	KILN OUT	AUTO	.9	52	700	31.5	0	0
12	1635	KILN OUT	AUTO	1.5	44	695	30.9	0	0
13	1636	KILN OUT	AUTO	1.2	69	667	31.9	0	0
14	1637	KILN OUT	AUTO	1.7	37	714	30.6	0	0
15	1638	KILN OUT	AUTO	1.6	39	715	31	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.3	276	720.7	31.6	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 2-29-84

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1643	BAGHS IN	AUTO	13	27	648	11.3	0	0
2	1644	BAGHS IN	AUTO	13.1	27	605	11.3	0	0
3	1645	BAGHS IN	AUTO	13	2000	300	11	0	0
4	1646	BAGHS IN	AUTO	13.2	68	605	11	0	0
5	1647	BAGHS IN	AUTO	13.5	24	683	10.6	0	0
6	1648	BAGHS IN	AUTO	13.6	17	708	10.5	0	0
7	1649	BAGHS IN	AUTO	13.6	14	734	10.3	0	0
8	1650	BAGHS IN	AUTO	13.8	23	766	10.3	0	0
9	1651	BAGHS IN	AUTO	13.6	20	692	10.8	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 2-29-84

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1655	KILN OUT	AUTO	.7	1439	619	34.3	0	0
2	1656	KILN OUT	AUTO	.7	74	695	32	0	0
3	1657	KILN OUT	AUTO	1.4	42	736	30.7	0	0
4	1658	KILN OUT	AUTO	1.8	33	770	29.7	0	0
5	1659	KILN OUT	AUTO	1.8	42	779	31.2	0	0
6	1700	KILN OUT	AUTO	1.5	40	764	32.2	0	0
7	1701	KILN OUT	AUTO	1.4	41	754	31.6	0	0
8	1702	KILN OUT	AUTO	1.8	38	737	30.4	0	0
9	1703	KILN OUT	AUTO	1.1	952	666	33.7	0	0
10	1704	KILN OUT	AUTO	.8	75	684	33.6	0	0
11	1705	KILN OUT	AUTO	1	42	714	32.5	0	0
12	1706	KILN OUT	AUTO	1.1	42	712	32	0	0
13	1707	KILN OUT	AUTO	.8	45	676	32.9	0	0
14	1708	KILN OUT	AUTO	.8	64	689	31.3	0	0
15	1709	KILN OUT	AUTO	1.3	41	704	32	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.2	201	713.3	32	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 2-29-84

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1710	KILN OUT	AUTO	1.2	42	715	31.3	0	0
2	1711	KILN OUT	AUTO	1.1	32	678	32.8	0	0
3	1712	KILN OUT	AUTO	.8	659	617	34.5	0	0
4	1713	KILN OUT	AUTO	.6	87	616	34.2	0	0
5	1714	KILN OUT	AUTO	.8	45	657	32.8	0	0
6	1715	KILN OUT	AUTO	.7	1742	574	33.8	0	0
7	1716	KILN OUT	AUTO	.6	69	650	33.6	0	0
8	1717	KILN OUT	AUTO	.7	43	675	32.9	0	0
9	1718	KILN OUT	AUTO	.9	42	672	33.3	0	0
10	1719	KILN OUT	AUTO	1.5	38	754	31.7	0	0
11	1720	KILN OUT	AUTO	1.7	38	751	30.7	0	0
12	1721	KILN OUT	AUTO	1	38	752	31.9	0	0
13	1722	KILN OUT	AUTO	1.2	160	705	32.8	0	0
14	1723	KILN OUT	AUTO	.2	707	643	34.1	0	0
15	1724	KILN OUT	AUTO	.6	177	688	33.6	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.9	261	676.5	32.9	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 2-29-84

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1732	1	AUTO	1.5	499	649	31.2	0	0
2	1733	1	AUTO	.4	63	645	31.7	0	0
3	1734	1	AUTO	1.3	37	709	31	0	0
4	1735	1	AUTO	.9	44	651	31.4	0	0
5	1736	1	AUTO	.9	255	646	32	0	0
6	1737	1	AUTO	.7	44	644	31	0	0
7	1738	1	AUTO	1.7	35	679	30.1	0	0
8	1739	1	AUTO	1.5	36	689	30	0	0
9	1740	1	AUTO	1.5	36	683	30.6	0	0
10	1741	1	AUTO	.9	40	658	30.4	0	0
11	1742	1	AUTO	1.3	34	722	30	0	0
12	1743	1	AUTO	1.6	33	760	29.2	0	0
13	1744	1	AUTO	.9	46	706	30.1	0	0
14	1745	1	AUTO	1.2	29	729	30	0	0
15	1746	1	AUTO	.8	64	710	29.9	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.1	86	685.3	30.6	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	2-29-84

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1747	1	AUTO	1.2	29	722	30.7	0	0
2	1748	1	AUTO	1.5	26	776	28.9	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-1-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1713	1	AUTO	1.8	35	664	28.6	1	0
2	1714	1	AUTO	1.8	60	652	31	1	0
3	1715	1	AUTO	.2	2000	191	32.7	1	0
4	1716	1	AUTO	1.4	227	614	29.9	1	0
5	1717	1	AUTO	2.1	40	654	27.9	1	0
6	1718	1	AUTO	1.9	31	634	28.7	1	0
7	1719	1	AUTO	2.3	37	688	27.7	1	0
8	1720	1	AUTO	1.9	35	675	28.9	1	0
9	1721	1	AUTO	.5	2000	454	31.4	1	0
10	1722	1	AUTO	1.7	109	622	28.6	1	0
11	1723	1	AUTO	2.3	35	658	27.6	1	0
12	1724	1	AUTO	.7	2000	401	29.5	1	0
13	1725	1	AUTO	1.6	53	626	29.4	1	0
14	1726	1	AUTO	2	30	636	28.6	1	0
15	1727	1	AUTO	2.3	32	669	28.1	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.6	448	589.2	29.2	1	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-1-1984

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1728	1	AUTO	1.6	26	671	28.2	1	0
2	1729	1	AUTO	1.8	27	660	28.3	1	0
3	1730	1	AUTO	2	27	605	28	1	0
4	1731	1	AUTO	2.5	30	632	27.1	1	0
5	1732	1	AUTO	2.4	31	675	28.1	1	0
6	1733	1	AUTO	1.7	33	655	29.6	1	0
7	1734	1	AUTO	.8	2000	411	31.4	1	0
8	1735	1	AUTO	1.6	81	603	29.1	1	0
9	1736	1	AUTO	1.7	31	631	28.6	1	0
10	1737	1	AUTO	1.4	1038	555	30.8	1	0
11	1738	1	AUTO	1.1	193	598	28.4	1	0
12	1739	1	AUTO	2.4	41	678	28.3	1	0
13	1740	1	AUTO	2.6	34	680	28.1	1	0
14	1741	1	AUTO	1.5	30	599	29.8	1	0
15	1742	1	AUTO	1.6	27	604	28.5	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.8	243	617.1	28.8	1	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-1-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1748	1	AUTO	1.5	288	553	20.8	1	0
2	1749	1	AUTO	1.9	34	713	27.7	1	0
3	1750	1	AUTO	.7	2000	287	30.7	1	0
4	1751	1	AUTO	.9	304	705	30.1	1	0
5	1752	1	AUTO	2.1	35	743	28.6	1	0
6	1753	1	AUTO	1.8	24	720	28.1	1	0
7	1754	1	AUTO	1.9	31	708	27.9	1	0
8	1755	1	AUTO	2.3	30	684	27.3	1	0
9	1756	1	AUTO	1.9	25	694	28.4	1	0
10	1757	1	AUTO	1.5	36	632	29.9	1	0
11	1758	1	AUTO	2.2	29	612	28.4	1	0
12	1759	1	AUTO	.8	2000	469	31.9	1	0
13	1800	1	AUTO	1.5	48	681	28.5	1	0
14	1801	1	AUTO	1.5	31	675	28.1	1	0
15	1802	1	AUTO	1.3	143	613	29.6	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.6	337	632.6	28.4	1	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-1-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1803	1	AUTO	2.5	23	641	28.9	1	0
2	1804	1	AUTO	1.1	33	582	31.3	1	0
3	1805	1	AUTO	1.6	26	605	31.4	1	0
4	1806	1	AUTO	1.4	20	534	30.2	1	0
5	1807	1	AUTO	1.7	24	587	29.6	1	0
6	1808	1	AUTO	2	24	594	28.8	1	0
7	1809	1	AUTO	1.7	369	566	31.3	1	0
8	1810	1	AUTO	1	302	498	31.3	1	0
9	1811	1	AUTO	1.1	487	512	31.3	1	0
10	1812	1	AUTO	1.1	260	504	30.3	1	0
11	1813	1	AUTO	1.9	25	606	28.8	1	0
12	1814	1	AUTO	1.5	267	546	31.6	1	0
13	1815	1	AUTO	1.3	88	555	30.8	1	0
14	1816	1	AUTO	1	296	466	31.9	1	0
15	1817	1	AUTO	1.2	42	495	30.8	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.5	152	552.7	30.6	1	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-1-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1818	1	AUTO	1.6	29	566	30.4	1	0
2	1819	1	AUTO	1.4	36	528	30.8	1	0
3	1820	1	AUTO	1.3	62	591	29.9	1	0
4	1821	1	AUTO	1.2	424	578	31.2	1	0
5	1822	1	AUTO	1	265	592	32	1	0
6	1823	1	AUTO	.4	918	590	31.6	1	0
7	1824	1	AUTO	1.2	37	625	31.5	1	0
8	1825	1	AUTO	1.6	30	650	29.6	1	0
9	1826	1	AUTO	1.6	31	656	29.5	1	0
10	1827	1	AUTO	1.6	31	655	30.1	1	0
11	1828	1	AUTO	1.7	29	650	30.7	1	0
12	1829	1	AUTO	.8	581	541	33.2	1	0
13	1830	1	AUTO	1.1	140	517	30.6	1	0
14	1831	1	AUTO	1.4	29	549	31.4	1	0
15	1832	1	AUTO	1.7	31	585	29.6	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.3	178	591.5	30.8	1	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-1-1984

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1836	1	AUTO	1.5	295	1108	28	1	0
2	1837	1	AUTO	1	362	522	29.8	1	0
3	1838	1	AUTO	1.6	39	567	28.2	1	0
4	1839	1	AUTO	1	44	516	31.2	1	0
5	1840	1	AUTO	.5	1130	459	32.1	1	0
6	1841	1	AUTO	1.5	39	570	29.5	1	0
7	1842	1	AUTO	.7	2000	327	30.9	1	0
8	1843	1	AUTO	.9	106	494	30	1	0
9	1844	1	AUTO	.9	30	566	29.9	1	0
10	1845	1	AUTO	1.5	31	578	28.9	1	0
11	1846	1	AUTO	1.5	32	594	29.2	1	0
12	1847	1	AUTO	1.2	77	573	29.2	1	0
13	1848	1	AUTO	.9	85	549	28.5	1	0
14	1849	1	AUTO	1.5	27	664	28	1	0
15	1850	1	AUTO	2.4	26	709	26.6	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.2	288	586.4	29.3	1	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-1-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1851	1	AUTO	1.2	564	584	29.9	1	0
2	1852	1	AUTO	1.5	47	634	28.6	1	0
3	1853	1	AUTO	1.1	49	627	29.1	1	0
4	1854	1	AUTO	1.2	27	632	28.5	1	0
5	1855	1	AUTO	2	32	657	26.3	1	0
6	1856	1	AUTO	2.3	32	657	26.5	1	0
7	1857	1	AUTO	1.4	185	658	30.2	1	0
8	1858	1	AUTO	.9	204	652	30.6	1	0
9	1859	1	AUTO	1	40	662	29	1	0
10	1900	1	AUTO	1.2	35	691	28.2	1	0
11	1901	1	AUTO	1.8	26	695	27.8	1	0
12	1902	1	AUTO	2.4	33	763	26.3	1	0
13	1903	1	AUTO	2	26	743	28.3	1	0
14	1904	1	AUTO	1.3	34	698	30.1	1	0
15	1905	1	AUTO	1	27	717	29.1	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.5	91	671.3	28.6	1	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-1-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1906	1	AUTO	1.4	2000	552	29.3	1	0
2	1907	1	AUTO	.9	93	660	28.6	1	0
3	1908	1	AUTO	1.6	28	680	28.7	1	0
4	1909	1	AUTO	1.6	33	679	29	1	0
5	1910	1	AUTO	1.3	34	717	30.6	1	0
6	1911	1	AUTO	1.9	27	707	27.9	1	0
7	1912	1	AUTO	1.8	35	671	28.2	1	0
8	1913	1	AUTO	2.5	33	687	26.9	1	0
9	1914	1	AUTO	1.6	31	695	29.2	1	0
10	1915	1	AUTO	1.6	27	686	30	1	0
11	1916	1	AUTO	1.5	42	620	29.8	1	0
12	1917	1	AUTO	1.5	30	632	28.6	1	0
13	1918	1	AUTO	2.2	34	649	27.1	1	0
14	1919	1	AUTO	2.3	30	679	28.1	1	0
15	1920	1	AUTO	1.8	26	607	27.9	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.7	167	661.4	28.7	1	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-1-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1921	1	AUTO	1.6	26	616	28.7	1	0
2	1922	1	AUTO	1.5	30	626	29.3	1	0
3	1923	1	AUTO	1.6	26	642	28.2	1	0
4	1924	1	AUTO	1.5	26	632	28.7	1	0
5	1925	1	AUTO	1.3	35	620	30.5	1	0
6	1926	1	AUTO	2	32	659	28.1	1	0
7	1927	1	AUTO	1.9	28	671	27.4	1	0
8	1928	1	AUTO	1.9	26	690	27.5	1	0
9	1929	1	AUTO	2.2	31	768	28.5	1	0
10	1930	1	AUTO	1.6	33	715	30.8	1	0
11	1931	1	AUTO	1.1	33	692	30.3	1	0
12	1932	1	AUTO	.5	1332	651	31.1	1	0
13	1933	1	AUTO	1.4	32	769	28	1	0
14	1934	1	AUTO	1.5	27	808	29.5	1	0
15	1935	1	AUTO	2.1	32	818	29.4	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.6	117	691.8	29.1	1	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-1-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1939	1	AUTO	1.3	551	819	28.8	1	0
2	1940	1	AUTO	1.9	29	811	30.5	1	0
3	1941	1	AUTO	1.9	34	809	29.6	1	0
4	1942	1	AUTO	2.1	27	807	28.9	1	0
5	1943	1	AUTO	1.7	31	730	28.9	1	0
6	1944	1	AUTO	2	27	727	28.2	1	0
7	1945	1	AUTO	1.8	27	699	29.6	1	0
8	1946	1	AUTO	1.2	106	652	32.4	1	0
9	1947	1	AUTO	1.1	33	631	30.9	1	0
10	1948	1	AUTO	1.8	34	655	29.2	1	0
11	1949	1	AUTO	1.3	28	665	29.4	1	0
12	1950	1	AUTO	1.5	36	603	30.7	1	0
13	1951	1	AUTO	1	43	534	32.2	1	0
14	1952	1	AUTO	1.2	30	525	31.4	1	0
15	1953	1	AUTO	1.4	38	610	30.7	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.5	72	685.1	30.1	1	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-1-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1954	1	AUTO	1.4	30	696	29.2	1	0
2	1955	1	AUTO	1.6	31	696	31.6	1	0
3	1956	1	AUTO	1.6	34	643	29.9	1	0
4	1957	1	AUTO	1.7	29	665	29.9	1	0
5	1958	1	AUTO	1.1	36	659	31.8	1	0
6	1959	1	AUTO	.9	1431	578	31.9	1	0
7	2000	1	AUTO	1.2	160	707	31	1	0
8	2001	1	AUTO	1.4	34	758	31.7	1	0
9	2002	1	AUTO	.6	2000	249	32.2	1	0
10	2003	1	AUTO	1	258	747	29.6	1	0
11	2004	1	AUTO	1.3	36	763	29.7	1	0
12	2005	1	AUTO	.6	867	669	30.9	1	0
13	2006	1	AUTO	1.7	38	766	29.8	1	0
14	2007	1	AUTO	1.6	38	759	29.9	1	0
15	2008	1	AUTO	2.1	32	771	29.7	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.3	337	675.1	30.6	1	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-1-1984

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2009	1	AUTO	.9	1694	611	31.9	1	0
2	2010	1	AUTO	1.3	41	722	30.2	1	0
3	2011	1	AUTO	1.4	37	720	29.5	1	0
4	2012	1	AUTO	2.1	32	719	29.6	1	0
5	2013	1	AUTO	1.5	27	703	31.9	1	0
6	2014	1	AUTO	1.5	64	670	31.9	1	0
7	2015	1	AUTO	1.3	27	660	31.2	1	0
8	2016	1	AUTO	1.4	27	660	29.7	1	0
9	2017	1	AUTO	.6	656	586	31.5	1	0
10	2018	1	AUTO	.9	180	611	31.8	1	0
11	2019	1	AUTO	.2	2000	539	32.1	1	0
12	2020	1	AUTO	1.4	57	601	32.4	1	0
13	2021	1	AUTO	1.6	46	651	29.2	1	0
14	2022	1	AUTO	1.4	40	619	29.6	1	0
15	2023	1	AUTO	.9	67	603	29.8	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.2	333	645	30.8	1	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-1-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2029	1	AUTO	1	189	532	31.3	1	0
2	2030	1	AUTO	.8	370	528	30.9	1	0
3	2031	1	AUTO	1.1	29	580	29.3	1	0
4	2032	1	AUTO	.4	2000	461	31.8	1	0
5	2033	1	AUTO	.6	77	577	29.4	1	0
6	2034	1	AUTO	1.9	30	634	28.3	1	0
7	2035	1	AUTO	1.2	34	599	29.7	1	0
8	2036	1	AUTO	.8	159	574	29.5	1	0
9	2037	1	AUTO	1.4	30	626	29.2	1	0
10	2038	1	AUTO	2	31	658	29.1	1	0
11	2039	1	AUTO	.8	811	587	29.9	1	0
12	2040	1	AUTO	1.1	32	654	28.5	1	0
13	2041	1	AUTO	2	28	673	27.8	1	0
14	2042	1	AUTO	1.1	35	649	28	1	0
15	2043	1	AUTO	1.2	27	700	28.3	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.2	259	602.1	29.4	1	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-1-1984

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2044	1	AUTO	1.4	39	709	27.4	1	0
2	2045	1	AUTO	1.5	33	722	28.3	1	0
3	2046	1	AUTO	1.9	26	761	28.9	1	0
4	2047	1	AUTO	1.4	28	713	30	1	0
5	2048	1	AUTO	1.5	30	751	28.9	1	0
6	2049	1	AUTO	1.6	32	777	28	1	0
7	2050	1	AUTO	1.1	48	761	29.3	1	0
8	2051	1	AUTO	.4	906	707	28.6	1	0
9	2052	1	AUTO	1	47	794	28.1	1	0
10	2053	1	AUTO	1.2	34	808	27.2	1	0
11	2054	1	AUTO	.9	33	731	28.6	1	0
12	2055	1	AUTO	2.1	26	818	27.3	1	0
13	2056	1	AUTO	1.7	23	855	28.8	1	0
14	2057	1	AUTO	1.3	26	823	29.7	1	0
15	2058	1	AUTO	1.1	36	781	29.5	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.3	91	767.4	28.6	1	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-1-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2059	1	AUTO	1.2	30	811	29.1	1	0
2	2100	1	AUTO	.9	28	838	29.1	1	0
3	2101	1	AUTO	1	29	845	28.6	1	0
4	2102	1	AUTO	1.2	39	819	27	1	0
5	2103	1	AUTO	1.9	33	838	27.5	1	0
6	2104	1	AUTO	1.7	33	799	28.5	1	0
7	2105	1	AUTO	1.8	34	812	29.1	1	0
8	2106	1	AUTO	1.8	34	842	28.5	1	0
9	2107	1	AUTO	1.3	34	839	28.6	1	0
10	2108	1	AUTO	1.5	35	810	28.4	1	0
11	2109	1	AUTO	.7	659	720	28.2	1	0
12	2110	1	AUTO	1.5	31	783	28.6	1	0
13	2111	1	AUTO	2.1	25	814	28.2	1	0
14	2112	1	AUTO	2	30	837	27.8	1	0
15	2113	1	AUTO	1.9	29	757	27.2	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.5	74	810.9	28.3	1	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-1-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2114	1	AUTO	1.9	26	782	26.7	1	0
2	2115	1	AUTO	1.6	25	807	27.9	1	0
3	2116	1	AUTO	2.2	29	804	28.2	1	0
4	2117	1	AUTO	1.4	35	785	29	1	0
5	2118	1	AUTO	1.8	28	852	28	1	0
6	2119	1	AUTO	1.9	26	853	27.4	1	0
7	2120	1	AUTO	2.1	28	881	27.1	1	0
8	2121	1	AUTO	2.1	33	904	27.9	1	0
9	2122	1	AUTO	1.8	36	888	27.3	1	0
10	2123	1	AUTO	2.2	30	959	28	1	0
11	2124	1	AUTO	.8	1250	802	29.3	1	0
12	2125	1	AUTO	2.2	33	927	27	1	0
13	2126	1	AUTO	2.2	29	969	26.5	1	0
14	2127	1	AUTO	2	30	996	27.7	1	0
15	2128	1	AUTO	2.3	24	991	28.1	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.9	111	880	27.7	1	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-1-1984

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2129	1	AUTO	2.3	35	951	27.9	1	0
2	2130	1	AUTO	2	33	965	27	1	0
3	2135	1	AUTO	1.5	307	959	27.8	1	0
4	2136	1	AUTO	1.5	36	939	29.3	1	0
5	2137	1	AUTO	1.8	29	922	28.3	1	0
6	2138	1	AUTO	2.2	33	949	29.1	1	0
7	2139	1	AUTO	2.6	37	947	27.3	1	0
8	2140	1	AUTO	2.2	31	922	29.6	1	0
9	2141	1	AUTO	1.5	31	840	29.9	1	0
10	2142	1	AUTO	1.7	36	870	29.9	1	0
11	2143	1	AUTO	1.3	39	883	29.2	1	0
12	2144	1	AUTO	2.1	36	893	28.2	1	0
13	2145	1	AUTO	1.3	30	780	30.7	1	0
14	2146	1	AUTO	1.2	34	796	29.4	1	0
15	2147	1	AUTO	2.3	37	874	28.7	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.8	52	899.3	28.8	1	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-1-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2148	1	AUTO	1.8	54	736	29.9	1	0
2	2149	1	AUTO	1.5	34	738	28.9	1	0
3	2150	1	AUTO	2.5	33	777	28	1	0
4	2151	1	AUTO	2.5	38	817	28.2	1	0
5	2152	1	AUTO	2.7	37	889	27.2	1	0
6	2153	1	AUTO	2.3	32	812	29.7	1	0
7	2154	1	AUTO	1.9	27	760	28.8	1	0
8	2155	1	AUTO	1.5	27	776	28.8	1	0
9	2156	1	AUTO	1.6	37	736	29.6	1	0
10	2157	1	AUTO	.8	1489	600	31.8	1	0
11	2158	1	AUTO	1.6	50	701	30.7	1	0
12	2159	1	AUTO	2.5	30	744	29.1	1	0
13	2200	1	AUTO	2.7	37	721	28.8	1	0
14	2201	1	AUTO	2.5	37	715	27.9	1	0
15	2202	1	AUTO	2.4	33	699	26.5	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.1	133	748.1	28.9	1	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-1-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2203	1	AUTO	2.4	27	708	27.8	1	0
2	2204	1	AUTO	2.4	30	665	27	1	0
3	2205	1	AUTO	1.7	33	670	29.5	1	0
4	2206	1	AUTO	1.7	31	699	28.9	1	0
5	2207	1	AUTO	1.9	34	691	28.3	1	0
6	2208	1	AUTO	1.9	33	721	28.4	1	0
7	2209	1	AUTO	2.2	36	730	27.9	1	0
8	2210	1	AUTO	2.2	36	738	28.1	1	0
9	2211	1	AUTO	1.9	33	763	29.2	1	0
10	2212	1	AUTO	1.2	30	752	29.2	1	0
11	2213	1	AUTO	1.3	30	786	28.6	1	0
12	2214	1	AUTO	1.9	33	864	28.3	1	0
13	2215	1	AUTO	1.6	34	868	28.2	1	0
14	2216	1	AUTO	2.3	35	873	28.5	1	0
15	2217	1	AUTO	1.5	31	860	29.1	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.9	32	759.2	28.5	1	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-1-1984

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2227	1	AUTO	1.7	33	721	31	1	0
2	2228	1	AUTO	1.5	35	715	29.6	1	0
3	2229	1	AUTO	2.5	28	709	29.1	1	0
4	2230	1	AUTO	2.6	32	731	28.5	1	0
5	2231	1	AUTO	1.7	35	686	29.9	1	0
6	2232	1	AUTO	1.6	33	648	28.5	1	0
7	2233	1	AUTO	2.3	34	649	28	1	0
8	2234	1	AUTO	2.5	34	670	28.5	1	0
9	2235	1	AUTO	1.9	34	630	29.6	1	0
10	2236	1	AUTO	2.8	35	665	26.7	1	0
11	2237	1	AUTO	2.7	26	688	28.8	1	0
12	2238	1	AUTO	2.8	28	686	26.9	1	0
13	2239	1	AUTO	2.5	34	721	27.8	1	0
14	2240	1	AUTO	2.4	35	723	26.7	1	0
15	2241	1	AUTO	2.8	34	740	25.9	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.3	33	692.1	28.4	1	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-1-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2242	1	AUTO	2.6	33	803	26.8	1	0
2	2243	1	AUTO	2.5	32	845	27.6	1	0
3	2244	1	AUTO	1.5	31	787	28.9	1	0
4	2245	1	AUTO	2.3	27	801	27.5	1	0
5	2246	1	AUTO	3.1	28	866	27.6	1	0
6	2247	1	AUTO	2	95	844	29.8	1	0
7	2248	1	AUTO	1.7	38	914	27.5	1	0
8	2249	1	AUTO	2.7	34	932	26.3	1	0
9	2250	1	AUTO	2.4	25	933	27.3	1	0
10	2251	1	AUTO	2.3	33	928	27.3	1	0
11	2252	1	AUTO	2.1	35	945	28.1	1	0
12	2253	1	AUTO	2.5	29	907	26.8	1	0
13	2254	1	AUTO	2.7	29	926	27.2	1	0
14	2255	1	AUTO	2.5	29	916	27.2	1	0
15	2256	1	AUTO	2.3	29	847	26.8	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.3	35	879.6	27.5	1	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-1-1984

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2257	1	AUTO	2.3	27	895	27.4	1	0
2	2258	1	AUTO	2.2	35	870	27.1	1	0
3	2259	1	AUTO	2.4	33	891	27.3	1	0
4	2300	1	AUTO	2.6	33	879	27.2	1	0
5	2301	1	AUTO	2.8	35	913	27.1	1	0
6	2302	1	AUTO	2.8	33	912	26.8	1	0
7	2303	1	AUTO	2.2	27	869	27.1	1	0
8	2304	1	AUTO	2.3	30	916	27.6	1	0
9	2305	1	AUTO	1.3	99	849	29.5	1	0
10	2306	1	AUTO	1.3	33	835	29.8	1	0
11	2307	1	AUTO	2.3	29	908	27.8	1	0
12	2308	1	AUTO	2.9	30	945	27	1	0
13	2309	1	AUTO	2.4	36	926	28.2	1	0
14	2310	1	AUTO	2.4	37	914	28.2	1	0
15	2311	1	AUTO	2.5	35	977	27.6	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.3	37	899.9	27.7	1	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-1-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2312	1	AUTO	1.9	35	957	28.9	1	0
2	2313	1	AUTO	2.4	35	920	28.3	1	0
3	2314	1	AUTO	2.7	30	958	28.5	1	0
4	2315	1	AUTO	1.2	49	822	29.3	1	0
5	2316	1	AUTO	3	26	957	27	1	0
6	2317	1	AUTO	2.6	26	965	27.6	1	0
7	2318	1	AUTO	1.6	34	821	27.6	1	0
8	2319	1	AUTO	2.1	33	867	29.4	1	0
9	2320	1	AUTO	2.4	28	924	28.6	1	0
10	2321	1	AUTO	3.2	?1	998	28.2	1	0
11	2322	1	AUTO	2.5	29	959	29.9	1	0
12	2323	1	AUTO	1	164	797	29.9	1	0
13	2324	1	AUTO	2.4	52	873	28.5	1	0
14	2325	1	AUTO	2.4	37	919	27.9	1	0
15	2326	1	AUTO	1.3	39	770	30.8	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.2	43	900.5	28.7	1	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-1-1984

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2335	1	AUTO	2.8	29	755	28.9	1	0
2	2336	1	AUTO	2.8	29	785	28.7	1	0
3	2337	1	AUTO	1.8	510	688	31.5	1	0
4	2338	1	AUTO	1.3	48	656	30.3	1	0
5	2339	1	AUTO	2.1	31	684	29.8	1	0
6	2340	1	AUTO	1.8	29	665	29.5	1	0
7	2341	1	AUTO	2.4	25	704	29	1	0
8	2342	1	AUTO	2.7	31	705	29.2	1	0
9	2343	1	AUTO	2.8	35	727	28.5	1	0
10	2344	1	AUTO	3	35	761	27.4	1	0
11	2345	1	AUTO	2.3	31	731	29.5	1	0
12	2346	1	AUTO	2	28	661	29.8	1	0
13	2347	1	AUTO	1.8	27	674	30.4	1	0
14	2348	1	AUTO	2.2	26	697	29.4	1	0
15	2349	1	AUTO	2.3	27	750	29.4	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.3	63	709.5	29.4	1	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-1-1984

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2350	1	AUTO	2.1	34	778	29.3	1	0
2	2351	1	AUTO	2.2	32	843	28.3	1	0
3	2352	1	AUTO	2.4	29	879	28.3	1	0
4	2353	1	AUTO	2	32	912	29.1	1	0
5	2354	1	AUTO	1.7	31	904	28.8	1	0
6	2355	1	AUTO	2	31	1010	29.5	1	0
7	2356	1	AUTO	1.1	48	943	30.6	1	0
8	2357	1	AUTO	2.5	36	988	27.7	1	0
9	2358	1	AUTO	2.3	33	942	29.1	1	0
10	2359	1	AUTO	1.5	32	886	30.5	1	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0000	1	AUTO	2.8	35	867	27	1	0
2	0001	1	AUTO	3	28	861	27.8	1	0
3	0002	1	AUTO	2.3	28	880	28.6	1	0
4	0003	1	AUTO	1.7	29	855	30.1	1	0
5	0004	1	AUTO	2	27	866	28.9	1	0
6	0005	1	AUTO	2	27	841	28.6	1	0
7	0006	1	AUTO	2.4	35	904	28.8	1	0
8	0007	1	AUTO	2.6	28	901	28.5	1	0
9	0008	1	AUTO	2.7	28	834	28.6	1	0
10	0009	1	AUTO	2	33	832	29.7	1	0
11	0010	1	AUTO	.8	944	728	32.9	1	0
12	0011	1	AUTO	.7	292	764	31	1	0
13	0012	1	AUTO	2	39	830	29	1	0
14	0013	1	AUTO	2.6	37	898	27.7	1	0
15	0014	1	AUTO	2.7	31	894	27.8	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.2	109	850.3	29	1	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-2-1984

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0015	1	AUTO	2.5	33	861	28.3	1	0
2	0016	1	AUTO	2.4	31	821	28.2	1	0
3	0017	1	AUTO	2.2	33	861	28.6	1	0
4	0018	1	AUTO	1.7	35	799	29.3	1	0
5	0019	1	AUTO	2.2	34	846	29	1	0
6	0020	1	AUTO	1.7	27	817	29.7	1	0
7	0021	1	AUTO	1.1	74	754	31.4	1	0
8	0022	1	AUTO	1.9	28	826	27.7	1	0
9	0023	1	AUTO	2.3	28	825	28.5	1	0
10	0024	1	AUTO	2.3	26	867	28.2	1	0
11	0025	1	AUTO	2.2	27	879	28.8	1	0
12	0026	1	AUTO	3	25	895	28	1	0
13	0027	1	AUTO	2.7	33	893	28.3	1	0
14	0028	1	AUTO	1.2	102	773	31.3	1	0
15	0029	1	AUTO	1	39	829	30.3	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2	38	836.4	29	1	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-2-1984

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0035	1	AUTO	1.9	34	847	29	1	0
2	0036	1	AUTO	2.3	34	839	28.1	1	0
3	0037	1	AUTO	2.4	35	841	29	1	0
4	0038	1	AUTO	2.5	35	866	28.5	1	0
5	0039	1	AUTO	2.4	26	843	27.8	1	0
6	0040	1	AUTO	2.3	29	828	29.3	1	0
7	0041	1	AUTO	2	28	813	29.1	1	0
8	0042	1	AUTO	1.6	27	764	29.5	1	0
9	0043	1	AUTO	2.1	30	836	27.7	1	0
10	0044	1	AUTO	2.2	34	855	28	1	0
11	0045	1	AUTO	1	35	815	29.1	1	0
12	0046	1	AUTO	2.7	30	857	27.2	1	0
13	0047	1	AUTO	3	33	862	27.6	1	0
14	0048	1	AUTO	2.7	33	857	27.1	1	0
15	0049	1	AUTO	2.5	30	895	28.2	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.2	32	841.2	28.3	1	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0050	1	AUTO	2.6	26	891	28.5	1	0
2	0051	1	AUTO	1.4	522	790	31.3	1	0
3	0052	1	AUTO	2.2	36	832	28.3	1	0
4	0053	1	AUTO	2.8	28	900	27.7	1	0
5	0054	1	AUTO	2.4	28	916	27.9	1	0
6	0055	1	AUTO	2.1	32	907	28.8	1	0
7	0056	1	AUTO	2.3	36	878	28.8	1	0
8	0057	1	AUTO	3	33	860	27.5	1	0
9	0058	1	AUTO	2.5	34	899	28.8	1	0
10	0059	1	AUTO	2.3	32	854	29	1	0
11	0100	1	AUTO	1.9	33	844	29.7	1	0
12	0101	1	AUTO	2.3	36	842	28.6	1	0
13	0102	1	AUTO	2.2	35	796	28.8	1	0
14	0103	1	AUTO	1.4	35	751	30.4	1	0
15	0104	1	AUTO	2.6	30	784	27.8	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.3	65	849.6	28.8	1	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW O2
LOAD
TEST NUMBER 1
TEST DATE 3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0105	1	AUTO	2.6	34	805	28.3	1	0
2	0106	1	AUTO	2.3	29	771	29.7	1	0
3	0107	1	AUTO	1.7	30	740	29.1	1	0
4	0108	1	AUTO	2.7	28	796	27.5	1	0
5	0109	1	AUTO	3	27	845	27.1	1	0
6	0110	1	AUTO	1.7	28	727	30	1	0
7	0111	1	AUTO	1.9	35	767	28.7	1	0
8	0112	1	AUTO	3	30	806	27.5	1	0
9	0113	1	AUTO	2.4	35	778	28.4	1	0
10	0114	1	AUTO	2.5	28	831	28.8	1	0
11	0115	1	AUTO	2.5	28	799	28.3	1	0
12	0116	1	AUTO	2.7	35	831	27.4	1	0
13	0117	1	AUTO	3.1	34	832	27.1	1	0
14	0118	1	AUTO	2.6	31	792	27.6	1	0
15	0119	1	AUTO	2.7	28	813	27.6	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.5	31	795.5	28.2	1	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0120	1	AUTO	2.7	29	817	27.5	1	0
2	0121	1	AUTO	2.4	31	785	29.1	1	0
3	0122	1	AUTO	2.6	28	801	27.7	1	0
4	0123	1	AUTO	2.3	33	785	28.4	1	0
5	0124	1	AUTO	1.8	32	772	29.3	1	0
6	0125	1	AUTO	2.3	27	811	27.9	1	0
7	0126	1	AUTO	2.5	34	791	27.9	1	0
8	0127	1	AUTO	3	28	801	27.5	1	0
9	0128	1	AUTO	2.2	26	770	29	1	0
10	0129	1	AUTO	2.4	33	825	28.2	1	0
11	0130	1	AUTO	2.4	27	834	28.4	1	0
12	0131	1	AUTO	2.4	27	834	27.5	1	0
13	0132	1	AUTO	2.2	32	859	28.3	1	0
14	0133	1	AUTO	1.6	37	833	29.6	1	0
15	0134	1	AUTO	1.8	36	844	28.5	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.3	31	810.8	28.3	1	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0140	1	AUTO	2.6	31	875	28.1	1	0
2	0141	1	AUTO	1.9	33	821	29.3	1	0
3	0142	1	AUTO	1.8	28	807	28.3	1	0
4	0143	1	AUTO	2.2	35	835	27.7	1	0
5	0144	1	AUTO	2.5	26	863	27.8	1	0
6	0145	1	AUTO	2.7	31	835	27.1	1	0
7	0146	1	AUTO	2.6	33	794	27.9	1	0
8	0147	1	AUTO	2.3	29	796	28.2	1	0
9	0148	1	AUTO	1.9	36	817	28.5	1	0
10	0149	1	AUTO	2.2	36	855	28.3	1	0
11	0150	1	AUTO	2.1	29	846	28.3	1	0
12	0151	1	AUTO	1.5	39	820	28.3	1	0
13	0152	1	AUTO	2.9	35	863	27.4	1	0
14	0153	1	AUTO	2.4	35	879	28.2	1	0
15	0154	1	AUTO	2.7	29	868	27.7	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.3	32	838.3	28.1	1	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0155	1	AUTO	2.2	31	824	28	1	0
2	0156	1	AUTO	2.4	27	797	28.1	1	0
3	0157	1	AUTO	2.9	27	788	26.9	1	0
4	0158	1	AUTO	2.6	26	788	27.5	1	0
5	0159	1	AUTO	2.6	28	858	27.6	1	0
6	0200	1	AUTO	2.6	34	883	28.1	1	0
7	0201	1	AUTO	2.2	26	898	28.7	1	0
8	0202	1	AUTO	1.8	31	860	29.1	1	0
9	0203	1	AUTO	2.7	29	891	27.4	1	0
10	0204	1	AUTO	2.6	27	903	27.3	1	0
11	0205	1	AUTO	2.4	29	881	28.3	1	0
12	0206	1	AUTO	3	31	888	27.2	1	0
13	0207	1	AUTO	3.1	28	878	27.3	1	0
14	0208	1	AUTO	2.8	27	929	27.6	1	0
15	0209	1	AUTO	1.9	260	826	30.5	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.5	44	859.5	28	1	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-2-1984

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0210	1	AUTO	1.8	75	836	28.2	1	0
2	0211	1	AUTO	2.6	30	868	27.7	1	0
3	0212	1	AUTO	2	31	795	29	1	0
4	0213	1	AUTO	1.9	35	773	29	1	0
5	0214	1	AUTO	2.2	34	752	29.3	1	0
6	0215	1	AUTO	2.2	35	755	28.7	1	0
7	0216	1	AUTO	2.5	36	824	28.6	1	0
8	0217	1	AUTO	2.5	27	815	28.2	1	0
9	0218	1	AUTO	2.2	30	809	28.8	1	0
10	0219	1	AUTO	2.6	36	820	27.3	1	0
11	0220	1	AUTO	2.9	26	846	27.5	1	0
12	0221	1	AUTO	2.5	31	816	28.4	1	0
13	0222	1	AUTO	1.4	27	696	30.7	1	0
14	0223	1	AUTO	1.5	27	689	29.9	1	0
15	0224	1	AUTO	1.5	30	665	31.1	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.2	34	783.9	28.8	1	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0233	1	AUTO	3	31	713	27.8	1	0
2	0234	1	AUTO	2.9	31	687	28.3	1	0
3	0235	1	AUTO	2.7	36	692	28.7	1	0
4	0236	1	AUTO	2.2	29	701	29.6	1	0
5	0237	1	AUTO	2.1	28	659	29.4	1	0
6	0238	1	AUTO	1.9	32	615	29.4	1	0
7	0239	1	AUTO	1.7	38	586	30.4	1	0
8	0240	1	AUTO	1.6	33	608	30	1	0
9	0241	1	AUTO	2	29	635	30	1	0
10	0242	1	AUTO	2.1	38	652	29.6	1	0
11	0243	1	AUTO	2.2	35	658	30.1	1	0
12	0244	1	AUTO	1.4	37	647	30.3	1	0
13	0245	1	AUTO	1.8	30	653	30.1	1	0
14	0246	1	AUTO	1.8	31	676	30.4	1	0
15	0247	1	AUTO	1.9	31	695	29.5	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.1	33	658.5	29.6	1	0

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-2-1984

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0248	1	AUTO	1.7	46	663	31.4	1	0
2	0249	1	AUTO	1.5	39	758	30.4	1	0
3	0250	1	AUTO	1.7	39	850	30	1	0
4	0251	1	AUTO	1	566	799	32.4	1	0
5	0252	1	AUTO	1.6	59	865	29.8	1	0
6	0253	1	AUTO	1.8	33	892	30.6	1	0
7	0254	1	AUTO	1.4	39	848	29.4	1	0
8	0255	1	AUTO	1.8	34	871	29.9	1	0
9	0256	1	AUTO	1.3	415	835	32.1	1	0
10	0257	1	AUTO	2	56	882	29	1	0
11	0258	1	AUTO	1.9	32	878	29.3	1	0
12	0259	1	AUTO	1.8	34	876	29.9	1	0
13	0300	1	AUTO	.7	133	780	31.2	1	0
14	0301	1	AUTO	2.1	35	850	28.8	1	0
15	0302	1	AUTO	2.4	37	831	28	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.6	106	831.9	30.1	1	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0303	1	AUTO	2.5	35	844	28.7	1	0
2	0304	1	AUTO	2.2	28	789	28.8	1	0
3	0305	1	AUTO	2.2	31	765	29.3	1	0
4	0306	1	AUTO	1.6	38	724	30.2	1	0
5	0307	1	AUTO	1.8	37	696	29.6	1	0
6	0308	1	AUTO	2.1	32	741	29.2	1	0
7	0309	1	AUTO	.7	1674	611	31.3	1	0
8	0310	1	AUTO	1.4	96	749	29.1	1	0
9	0311	1	AUTO	1.7	43	845	29	1	0
10	0312	1	AUTO	.9	180	806	30.6	1	0
11	0313	1	AUTO	1.5	54	865	28.9	1	0
12	0314	1	AUTO	2.1	38	914	27.8	1	0
13	0315	1	AUTO	2.6	33	936	27.1	1	0
14	0316	1	AUTO	2.3	31	980	28.2	1	0
15	0317	1	AUTO	1.5	157	930	29.9	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.8	167	813	29.2	1	0

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0318	1	AUTO	.8	255	876	29.2	1	0
2	0319	1	AUTO	2.1	45	998	28	1	0
3	0320	1	AUTO	2.4	39	988	28	1	0
4	0321	1	AUTO	1.8	37	983	28.4	1	0
5	0322	1	AUTO	1.2	237	933	29	1	0
6	0323	1	AUTO	2.1	48	985	28.5	1	0
7	0324	1	AUTO	1.3	58	925	29.4	1	0
8	0325	1	AUTO	1.8	37	965	29	1	0
9	0326	1	AUTO	2.2	30	979	28.7	1	0
10	0327	1	AUTO	2.2	29	947	28.6	1	0
11	0328	1	AUTO	1	259	850	30.4	1	0
12	0329	1	AUTO	2.4	33	926	28.2	1	0
13	0330	1	AUTO	1.8	30	947	29.3	1	0
14	0331	1	AUTO	1	33	877	29.8	1	0
15	0332	1	AUTO	2.4	34	909	27.3	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.8	80	939.2	28.8	1	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0340	1	AUTO	2.3	30	888	26.9	1	0
2	0341	1	AUTO	2.8	25	938	26.9	1	0
3	0342	1	AUTO	2.9	33	940	26.6	1	0
4	0343	1	AUTO	2.6	32	956	27	1	0
5	0344	1	AUTO	2.9	30	983	26.5	1	0
6	0345	1	AUTO	2.8	34	1005	26.9	1	0
7	0346	1	AUTO	2.9	30	1004	26.7	1	0
8	0347	1	AUTO	2	34	987	27.8	1	0
9	0348	1	AUTO	1.9	34	1029	27.9	1	0
10	0349	1	AUTO	2.4	34	1028	26.7	1	0
11	0350	1	AUTO	2.4	29	982	26.8	1	0
12	0351	1	AUTO	1.1	158	896	28.9	1	0
13	0352	1	AUTO	2.2	40	988	27.6	1	0
14	0353	1	AUTO	3.1	34	1024	26.7	1	0
15	0354	1	AUTO	2.9	28	1031	26.5	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.5	40	978.6	27.1	1	0

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-2-1984

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0355	1	AUTO	3.2	33	1000	26.3	1	0
2	0356	1	AUTO	3.3	27	1012	25.8	1	0
3	0357	1	AUTO	3.1	25	1036	26.6	1	0
4	0358	1	AUTO	1.9	29	953	29.2	1	0
5	0359	1	AUTO	1.8	28	964	28.1	1	0
6	0400	1	AUTO	2.4	33	1027	27.9	1	0
7	0401	1	AUTO	1.3	59	946	28.9	1	0
8	0402	1	AUTO	1.7	35	964	28.1	1	0
9	0403	1	AUTO	2.4	28	980	27.4	1	0
10	0404	1	AUTO	3.2	28	1035	26.2	1	0
11	0405	1	AUTO	2.6	35	1015	28.1	1	0
12	0406	1	AUTO	2.5	27	1013	26.8	1	0
13	0407	1	AUTO	1.6	37	956	29.9	1	0
14	0408	1	AUTO	1.9	34	967	27.7	1	0
15	0409	1	AUTO	2.7	32	1041	27.4	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.4	33	993.9	27.6	1	0

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0410	1	AUTO	1.8	36	943	28.1	1	0
2	0411	1	AUTO	2	33	1027	28.7	1	0
3	0412	1	AUTO	2.5	32	1050	28.1	1	0
4	0413	1	AUTO	2.5	36	1030	27.4	1	0
5	0414	1	AUTO	2.8	35	1074	27	1	0
6	0415	1	AUTO	2.6	34	1038	28.2	1	0
7	0416	1	AUTO	2.4	28	1007	28.7	1	0
8	0417	1	AUTO	2.3	27	965	27.5	1	0
9	0418	1	AUTO	2.5	27	977	28.2	1	0
10	0419	1	AUTO	2.5	26	991	27.5	1	0
11	0420	1	AUTO	2.6	27	976	27.7	1	0
12	0421	1	AUTO	2.5	28	996	28.3	1	0
13	0422	1	AUTO	1.2	688	806	32.1	1	0
14	0423	1	AUTO	1.9	57	907	28.3	1	0
15	0424	1	AUTO	2.6	38	973	27.8	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.3	77	984	28.2	1	0

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0445	1	AUTO	1.5	37	761	29.5	1	0
2	0446	1	AUTO	2.1	39	787	28.4	1	0
3	0447	1	AUTO	2.9	36	847	27.1	1	0
4	0448	1	AUTO	2.6	34	853	28.6	1	0
5	0449	1	AUTO	1.8	31	798	30.5	1	0
6	0450	1	AUTO	1.4	33	776	31	1	0
7	0451	1	AUTO	1.3	40	769	29.6	1	0
8	0452	1	AUTO	2.5	32	880	28.3	1	0
9	0453	1	AUTO	2.1	29	834	28.2	1	0
10	0454	1	AUTO	2.2	36	824	29.1	1	0
11	0455	1	AUTO	1.7	30	759	29.5	1	0
12	0456	1	AUTO	1.1	204	655	29.8	1	0
13	0457	1	AUTO	2.1	34	764	29	1	0
14	0458	1	AUTO	1.7	39	723	29.6	1	0
15	0459	1	AUTO	1.6	35	727	30	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.9	46	783.8	29.2	1	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0430	1	AUTO	1.9	29	851	28.4	1	0
2	0431	1	AUTO	2.9	34	868	27.4	1	0
3	0432	1	AUTO	2.9	29	882	28.3	1	0
4	0433	1	AUTO	1.6	36	801	30.3	1	0
5	0434	1	AUTO	2.3	31	900	28.2	1	0
6	0435	1	AUTO	2.4	28	885	28.7	1	0
7	0436	1	AUTO	1.7	29	785	28.6	1	0
8	0437	1	AUTO	2.8	26	869	27.6	1	0
9	0438	1	AUTO	2.4	27	873	28.7	1	0
10	0439	1	AUTO	1.9	29	830	29.4	1	0
11	0440	1	AUTO	1.4	35	793	31.7	1	0
12	0441	1	AUTO	1.6	43	787	29.7	1	0
13	0442	1	AUTO	1.9	37	797	29	1	0
14	0443	1	AUTO	1.9	30	793	29	1	0
15	0444	1	AUTO	2.1	35	789	29.5	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.1	32	833.5	29	1	0

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-2-1984

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0500	1	AUTO	2.3	38	752	28.9	1	0
2	0501	1	AUTO	2.1	35	770	29.1	1	0
3	0502	1	AUTO	2.3	34	781	28.4	1	0
4	0503	1	AUTO	2.3	31	801	28.6	1	0
5	0504	1	AUTO	1.8	38	789	29.4	1	0
6	0505	1	AUTO	1.9	30	788	29	1	0
7	0506	1	AUTO	2.2	39	876	28.3	1	0
8	0507	1	AUTO	1.8	31	865	28.4	1	0
9	0508	1	AUTO	1.4	40	861	29.8	1	0
10	0509	1	AUTO	1.8	35	916	30.2	1	0
11	0510	1	AUTO	1.2	45	882	30.3	1	0
12	0511	1	AUTO	1.6	38	921	29.2	1	0
13	0512	1	AUTO	1	71	871	30.2	1	0
14	0513	1	AUTO	1.8	37	901	28.6	1	0
15	0514	1	AUTO	2	35	823	28.8	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.8	38	839.8	29.1	1	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-2-1984

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0515	1	AUTO	2	40	806	28.4	1	0
2	0516	1	AUTO	2.5	29	842	27.9	1	0
3	0517	1	AUTO	2.2	28	840	29.1	1	0
4	0518	1	AUTO	1.8	29	811	29.5	1	0
5	0519	1	AUTO	1.7	30	806	28.7	1	0
6	0520	1	AUTO	1.8	30	823	29.2	1	0
7	0521	1	AUTO	1.9	30	848	29	1	0
8	0522	1	AUTO	2	35	876	28.3	1	0
9	0523	1	AUTO	2	35	837	28.4	1	0
10	0524	1	AUTO	2.5	37	857	27.9	1	0
11	0525	1	AUTO	1.6	186	798	30.2	1	0
12	0526	1	AUTO	1.6	61	831	28.8	1	0
13	0527	1	AUTO	2.8	38	834	27.2	1	0
14	0528	1	AUTO	2.8	35	864	27.5	1	0
15	0529	1	AUTO	2.1	30	852	29.6	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.1	45	835	28.6	1	0

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0537	1	AUTO	2.5	45	872	27.1	1	0
2	0538	1	AUTO	2.9	35	907	27.4	1	0
3	0539	1	AUTO	2.8	29	900	26.3	1	0
4	0540	1	AUTO	3	30	935	27.1	1	0
5	0541	1	AUTO	2.1	43	863	28.5	1	0
6	0542	1	AUTO	1	84	751	29.9	1	0
7	0543	1	AUTO	2.1	31	852	28.2	1	0
8	0544	1	AUTO	2.4	28	844	28.7	1	0
9	0545	1	AUTO	1.9	33	860	29.3	1	0
10	0546	1	AUTO	2.1	34	867	28.1	1	0
11	0547	1	AUTO	2.4	36	904	29	1	0
12	0548	1	AUTO	2.1	33	835	28.5	1	0
13	0549	1	AUTO	2	28	848	29	1	0
14	0550	1	AUTO	2	30	831	28.8	1	0
15	0551	1	AUTO	2	28	854	28.1	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.2	36	861.5	28.3	1	0

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0552	1	AUTO	1.6	28	854	30.4	1	0
2	0553	1	AUTO	1.1	43	792	31.3	1	0
3	0554	1	AUTO	1.5	36	812	29.9	1	0
4	0555	1	AUTO	2	36	857	29.6	1	0
5	0556	1	AUTO	1.9	35	838	29.8	1	0
6	0557	1	AUTO	1.8	34	789	29.7	1	0
7	0558	1	AUTO	1.7	30	759	29.9	1	0
8	0559	1	AUTO	1.5	32	802	29.6	1	0
9	0600	1	AUTO	1.9	36	852	28.9	1	0
10	0601	1	AUTO	2	27	821	29.5	1	0
11	0602	1	AUTO	1.4	34	758	29.8	1	0
12	0603	1	AUTO	1.2	39	706	31.3	1	0
13	0604	1	AUTO	1.4	38	709	31.5	1	0
14	0605	1	AUTO	1.1	41	617	30.8	1	0
15	0606	1	AUTO	2	31	740	29.3	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.6	35	780.4	30.1	1	0

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0607	1	AUTO	2.4	31	750	28.8	1	0
2	0608	1	AUTO	2.4	27	743	28.2	1	0
3	0609	1	AUTO	2	29	725	28.9	1	0
4	0610	1	AUTO	1.7	33	727	29.5	1	0
5	0611	1	AUTO	1.4	31	637	30.8	1	0
6	0612	1	AUTO	1.4	36	648	30.8	1	0
7	0613	1	AUTO	.8	265	645	32.1	1	0
8	0614	1	AUTO	.5	289	655	31.5	1	0
9	0615	1	AUTO	2.1	43	783	28.8	1	0
10	0616	1	AUTO	2.2	37	847	29.1	1	0
11	0617	1	AUTO	1.8	30	849	29.8	1	0
12	0618	1	AUTO	2	32	842	28.5	1	0
13	0619	1	AUTO	2.3	33	812	27.7	1	0
14	0620	1	AUTO	1.9	37	859	28.6	1	0
15	0621	1	AUTO	2.1	34	886	27.9	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.8	66	760.5	29.4	1	0

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0622	1	AUTO	1.3	36	862	29.5	1	0
2	0623	1	AUTO	.7	77	868	30.5	1	0
3	0624	1	AUTO	1.9	35	885	27.8	1	0
4	0625	1	AUTO	2.4	32	930	27.8	1	0
5	0626	1	AUTO	1.9	32	959	28.4	1	0
6	0627	1	AUTO	1.7	28	969	28.9	1	0
7	0628	1	AUTO	1.9	33	971	28.7	1	0
8	0629	1	AUTO	2.2	36	979	28.1	1	0
9	0630	1	AUTO	1.9	28	964	29.8	1	0
10	0631	1	AUTO	1.1	35	889	30.2	1	0
11	0632	1	AUTO	1.3	32	969	29.3	1	0
12	0633	1	AUTO	1.4	32	958	29.1	1	0
13	0634	1	AUTO	1.7	38	984	28.3	1	0
14	0635	1	AUTO	1.6	30	1006	29.3	1	0
15	0636	1	AUTO	1.5	307	971	30	1	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.6	54	944.3	29	1	0

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION

LOW O2
LOAD
TEST NUMBER 1
TEST DATE 3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1158	KILN OUT	AUTO	1.5	33	815	30.7	0	0
2	1159	KILN OUT	AUTO	1.6	29	823	30.1	0	0
3	1200	KILN OUT	AUTO	1.5	38	763	31.7	0	0
4	1201	KILN OUT	AUTO	1.1	37	742	31.2	0	0
5	1202	KILN OUT	AUTO	1.5	35	801	30.4	0	0
6	1203	KILN OUT	AUTO	1.3	34	805	30.7	0	0
7	1204	KILN OUT	AUTO	1.1	41	791	31.5	0	0
8	1205	KILN OUT	AUTO	1.4	41	780	30.3	0	0
9	1206	KILN OUT	AUTO	1.1	37	721	32.6	0	0
10	1207	KILN OUT	AUTO	1.4	42	722	31.5	0	0
11	1208	KILN OUT	AUTO	1.8	40	733	29.7	0	0
12	1209	KILN OUT	AUTO	1.5	41	718	30.7	0	0
13	1210	KILN OUT	AUTO	1.5	31	731	30.5	0	0
14	1211	KILN OUT	AUTO	1.5	30	712	30.5	0	0
15	1212	KILN OUT	AUTO	.9	68	624	33.1	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.4	38	752.1	31	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1213	KILN OUT	AUTO	1.1	56	679	32.5	0	0
2	1214	KILN OUT	AUTO	.6	55	644	33.4	0	0
3	1215	KILN OUT	AUTO	.6	46	678	32.6	0	0
4	1216	KILN OUT	AUTO	1	44	705	31.1	0	0
5	1217	KILN OUT	AUTO	1.1	47	693	31.2	0	0
6	1218	KILN OUT	AUTO	1.7	40	686	30.4	0	0
7	1219	KILN OUT	AUTO	1.1	40	646	31.5	0	0
8	1220	KILN OUT	AUTO	1.5	39	665	31.8	0	0
9	1221	KILN OUT	AUTO	1	47	690	31.4	0	0
10	1222	KILN OUT	AUTO	1.5	39	725	30.5	0	0
11	1223	KILN OUT	AUTO	1.2	45	703	31.8	0	0
12	1224	KILN OUT	AUTO	.5	242	647	31.9	0	0
13	1225	KILN OUT	AUTO	1.5	48	709	30	0	0
14	1226	KILN OUT	AUTO	1.8	43	768	30	0	0
15	1227	KILN OUT	AUTO	1.1	46	666	31.1	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.2	58	686.9	31.4	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1228	KILN OUT	AUTO	.4	428	650	31.5	0	0
2	1229	KILN OUT	AUTO	.8	58	739	32.3	0	0
3	1230	KILN OUT	AUTO	1.1	59	810	31.8	0	0
4	1231	KILN OUT	AUTO	1.5	45	843	29.5	0	0
5	1232	KILN OUT	AUTO	1.8	41	889	29.2	0	0
6	1233	KILN OUT	AUTO	1.5	40	839	30	0	0
7	1234	KILN OUT	AUTO	1.4	40	851	30.7	0	0
8	1235	KILN OUT	AUTO	1.3	38	893	30.5	0	0
9	1236	KILN OUT	AUTO	.9	140	826	31.9	0	0
10	1237	KILN OUT	AUTO	.9	53	862	30.9	0	0
11	1238	KILN OUT	AUTO	1.1	37	937	30.7	0	0
12	1239	KILN OUT	AUTO	.8	52	886	32	0	0
13	1240	KILN OUT	AUTO	.9	50	892	31.1	0	0
14	1241	KILN OUT	AUTO	1.7	41	954	29.5	0	0
15	1242	KILN OUT	AUTO	1.9	33	948	29.5	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.2	77	854.6	30.7	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1243	KILN OUT	AUTO	1.5	33	870	29.4	0	0
2	1244	KILN OUT	AUTO	1.6	37	886	29.1	0	0
3	1245	KILN OUT	AUTO	1.3	41	864	29.7	0	0
4	1246	KILN OUT	AUTO	.9	36	842	30.3	0	0
5	1246	KILN OUT	AUTO	1.2	41	847	31	0	0
6	1247	KILN OUT	AUTO	1	40	886	31.6	0	0
7	1248	KILN OUT	AUTO	1.2	34	894	31.4	0	0
8	1249	KILN OUT	AUTO	1.2	35	883	31.4	0	0
9	1250	KILN OUT	AUTO	1	42	866	31.5	0	0
10	1251	KILN OUT	AUTO	1.3	33	849	30.9	0	0
11	1252	KILN OUT	AUTO	.8	61	804	31	0	0
12	1253	KILN OUT	AUTO	.9	54	827	31.9	0	0
13	1254	KILN OUT	AUTO	1	48	828	31.5	0	0
14	1255	KILN OUT	AUTO	1.5	42	845	30.4	0	0
15	1256	KILN OUT	AUTO	1.6	41	868	30.9	0	0
VG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.2	41	857.3	30.8	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1257	KILN OUT	AUTO	1.6	42	858	30.6	0	0
2	1258	KILN OUT	AUTO	1.5	37	840	29.9	0	0
3	1259	KILN OUT	AUTO	1.4	32	778	30.9	0	0
4	1300	KILN OUT	AUTO	.8	40	719	32.4	0	0
5	1301	KILN OUT	AUTO	1	38	757	30.6	0	0
6	1302	KILN OUT	AUTO	1.8	33	792	29.9	0	0
7	1303	KILN OUT	AUTO	1.5	32	766	31	0	0
8	1304	KILN OUT	AUTO	.9	50	713	31.7	0	0
9	1305	KILN OUT	AUTO	.8	71	699	33	0	0
10	1306	KILN OUT	AUTO	1.6	41	705	30.1	0	0
11	1307	KILN OUT	AUTO	1.4	34	700	30.3	0	0
12	1308	KILN OUT	AUTO	1.5	34	670	31.2	0	0
13	1309	KILN OUT	AUTO	1.6	32	696	29.8	0	0
14	1310	KILN OUT	AUTO	1.6	31	670	31	0	0
15	1311	KILN OUT	AUTO	1	40	599	31.3	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.3	39	730.8	30.9	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1312	KILN OUT	AUTO	1.9	33	625	29.3	0	0
2	1313	KILN OUT	AUTO	1.6	35	625	30.7	0	0
3	1314	KILN OUT	AUTO	1.6	32	606	30.7	0	0
4	1315	KILN OUT	AUTO	1.7	29	653	30.6	0	0
5	1316	KILN OUT	AUTO	1.5	38	658	30.6	0	0
6	1317	KILN OUT	AUTO	.7	98	622	32.7	0	0
7	1318	KILN OUT	AUTO	1	39	702	30.7	0	0
8	1324	KILN OUT	AUTO	1.3	44	746	30.1	0	0
9	1325	KILN OUT	AUTO	1.7	41	739	29.7	0	0
10	1326	KILN OUT	AUTO	1.8	45	778	29.7	0	0
11	1327	KILN OUT	AUTO	1.7	34	755	30.1	0	0
12	1328	KILN OUT	AUTO	1.6	42	813	30.4	0	0
13	1329	KILN OUT	AUTO	1.6	36	795	30.7	0	0
14	1330	KILN OUT	AUTO	1.3	39	809	30.6	0	0
15	1331	KILN OUT	AUTO	1.5	35	851	29.8	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.5	41	718.5	30.4	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1332	KILN OUT	AUTO	1.4	38	858	29.9	0	0
2	1333	KILN OUT	AUTO	1.7	41	938	29.6	0	0
3	1334	KILN OUT	AUTO	1.6	33	894	29.4	0	0
4	1335	KILN OUT	AUTO	1.1	41	853	30.4	0	0
5	1336	KILN OUT	AUTO	1.4	32	862	30.1	0	0
6	1337	KILN OUT	AUTO	.8	42	793	30.6	0	0
7	1338	KILN OUT	AUTO	1.7	42	900	28.7	0	0
8	1339	KILN OUT	AUTO	1.2	40	892	29.6	0	0
9	1340	KILN OUT	AUTO	.8	35	821	30.4	0	0
10	1341	KILN OUT	AUTO	1.6	33	928	30	0	0
11	1342	KILN OUT	AUTO	1.5	33	914	29.2	0	0
12	1343	KILN OUT	AUTO	1.1	38	862	29.8	0	0
13	1344	KILN OUT	AUTO	1.3	32	884	29.5	0	0
14	1345	KILN OUT	AUTO	1.3	36	889	30.6	0	0
15	1346	KILN OUT	AUTO	1.6	36	925	29.1	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.3	37	880.9	29.8	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1347	KILN OUT	AUTO	1.5	31	908	29.2	0	0
2	1348	KILN OUT	AUTO	1.1	33	902	29.6	0	0
3	1349	KILN OUT	AUTO	1.2	40	939	30.1	0	0
4	1350	KILN OUT	AUTO	1	43	928	29.2	0	0
5	1351	KILN OUT	AUTO	1.4	40	912	29.9	0	0
6	1352	KILN OUT	AUTO	1	35	879	30.2	0	0
7	1353	KILN OUT	AUTO	1.5	34	1000	29.6	0	0
8	1354	KILN OUT	AUTO	1.4	37	927	30	0	0
9	1355	KILN OUT	AUTO	1.7	39	954	29.8	0	0
10	1356	KILN OUT	AUTO	1.5	36	967	29.6	0	0
11	1357	KILN OUT	AUTO	1.6	34	939	29.9	0	0
12	1358	KILN OUT	AUTO	1.3	32	928	30.4	0	0
13	1359	KILN OUT	AUTO	1.3	33	967	30.5	0	0
14	1400	KILN OUT	AUTO	1.6	35	1023	29.8	0	0
15	1401	KILN OUT	AUTO	1.3	39	995	30.3	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.4	36	944.5	29.9	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1402	KILN OUT	AUTO	1.7	30	977	29.8	0	0
2	1403	KILN OUT	AUTO	1.6	33	929	29.3	0	0
3	1404	KILN OUT	AUTO	1.3	32	915	30.2	0	0
4	1405	KILN OUT	AUTO	1.6	39	911	29.5	0	0
5	1406	KILN OUT	AUTO	1.3	37	885	30.3	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1533	1	AUTO	1.3	32	899	29.3	0	0
2	1534	1	AUTO	1.7	30	887	29.6	0	0
3	1535	1	AUTO	1.2	31	884	29.4	0	0
4	1536	1	AUTO	1.6	32	969	29.1	0	0
5	1537	1	AUTO	.9	35	872	31.1	0	0
6	1538	1	AUTO	1.5	25	1014	[illegible]9	0	0
7	1539	1	AUTO	1.5	27	981	30.1	0	0
8	1540	1	AUTO	.8	29	869	30.2	0	0
9	1541	1	AUTO	1.3	30	794	31.2	0	0
10	1542	1	AUTO	1.7	33	866	29.5	0	0
11	1543	1	AUTO	1.6	27	868	29.2	0	0
12	1544	1	AUTO	1.1	33	825	30.4	0	0
13	1545	1	AUTO	1.3	27	821	30.2	0	0
14	1546	1	AUTO	1.1	32	821	30.3	0	0
15	1547	1	AUTO	1	25	915	30.1	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.3	30	885.7	29.9	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1548	1	AUTO	1.4	33	876	29.7	0	0
2	1549	1	AUTO	1	26	826	30.1	0	0
3	1550	1	AUTO	1.2	28	888	29.5	0	0
4	1551	1	AUTO	1.8	24	912	28.8	0	0
5	1552	1	AUTO	1.9	32	899	28	0	0
6	1553	1	AUTO	1.6	27	835	29.7	0	0
7	1554	1	AUTO	1.8	24	898	28.7	0	0
8	1555	1	AUTO	.9	44	773	31.4	0	0
9	1556	1	AUTO	1.1	26	896	29.6	0	0
10	1557	1	AUTO	1.7	29	947	29.4	0	0
11	1558	1	AUTO	1.2	34	861	29.9	0	0
12	1559	1	AUTO	1.3	32	882	30.2	0	0
13	1600	1	AUTO	1.1	27	827	30.9	0	0
14	1601	1	AUTO	1.4	32	811	31.8	0	0
15	1602	1	AUTO	1.2	29	779	30.4	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.4	30	860.7	29.9	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-2-1984

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1603	1	AUTO	1.3	29	855	30.6	0	0
2	1604	1	AUTO	1.8	27	865	29.1	0	0
3	1605	1	AUTO	1.7	33	883	29.8	0	0
4	1606	1	AUTO	1.8	31	874	29.7	0	0
5	1607	1	AUTO	1.2	30	818	30.5	0	0
6	1608	1	AUTO	1.2	29	731	31.7	0	0
7	1609	1	AUTO	.9	31	709	32.3	0	0
8	1610	1	AUTO	1.4	27	801	30.1	0	0
9	1611	1	AUTO	.8	31	726	32.2	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-2-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2335	1	AUTO	1.3	25	995	28.8	0	0
2	2336	1	AUTO	1.8	29	1113	28.3	0	0
3	2337	1	AUTO	1.9	30	1116	27.9	0	0
4	2338	1	AUTO	2	30	1144	28.1	0	0
5	2339	1	AUTO	1.9	31	1179	28.4	0	0
6	2340	1	AUTO	1.6	32	1161	28.2	0	0
7	2341	1	AUTO	1.2	33	1159	28.4	0	0
8	2342	1	AUTO	2.2	30	1179	26.6	0	0
9	2343	1	AUTO	2.3	31	1207	27	0	0
10	2344	1	AUTO	2	26	1174	26.8	0	0
11	2345	1	AUTO	1.9	32	1180	27.4	0	0
12	2346	1	AUTO	1.6	23	1129	28.2	0	0
13	2347	1	AUTO	2.2	27	1031	27.6	0	0
14	2348	1	AUTO	2	28	1030	27.7	0	0
15	2349	1	AUTO	1	1375	889	29.8	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.8	119	1112.4	27.9	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0046	1	AUTO	1.8	25	1168	29.9	0	0
2	0047	1	AUTO	1.8	24	1133	28.5	0	0
3	0048	1	AUTO	1.9	29	1119	28.7	0	0
4	0049	1	AUTO	2	24	1113	29.6	0	0
5	0050	1	AUTO	1.8	23	1054	30.3	0	0
6	0051	1	AUTO	2.2	29	1094	29.4	0	0
7	0052	1	AUTO	1.9	27	1121	29.7	0	0
8	0053	1	AUTO	1.5	29	1036	29.9	0	0
9	0054	1	AUTO	1.6	33	1060	29.9	0	0
10	0055	1	AUTO	2	29	1139	29.6	0	0
11	0056	1	AUTO	2	31	1120	29.1	0	0
12	0057	1	AUTO	1.9	30	1161	30	0	0
13	0058	1	AUTO	1.5	28	1070	31	0	0
14	0059	1	AUTO	1.3	25	1083	30.6	0	0
15	0100	1	AUTO	1.8	31	1014	30	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.8	28	1099	29.7	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-3-1984

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0101	1	AUTO	2	24	1086	28.9	0	0
2	0102	1	AUTO	2.2	25	1147	29.1	0	0
3	0103	1	AUTO	1.7	29	1043	31.1	0	0
4	0104	1	AUTO	.8	626	922	31.9	0	0
5	0105	1	AUTO	1.4	40	1000	30.4	0	0
6	0106	1	AUTO	1.8	26	1048	30	0	0
7	0107	1	AUTO	1.7	31	1095	29.7	0	0
8	0108	1	AUTO	2.2	23	1116	29.2	0	0
9	0109	1	AUTO	1.8	31	1027	30.3	0	0
10	0110	1	AUTO	1.2	31	901	31.3	0	0
11	0111	1	AUTO	1.6	24	861	29.8	0	0
12	0112	1	AUTO	1.6	28	884	29.6	0	0
13	0113	1	AUTO	1.8	33	959	30.5	0	0
14	0114	1	AUTO	1.8	31	959	29.6	0	0
15	0115	1	AUTO	1.5	27	897	30.4	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.7	69	996.3	30.1	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-3-1984

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0116	1	AUTO	1.3	34	889	31.2	0	0
2	0117	1	AUTO	1.5	25	892	30.4	0	0
3	0118	1	AUTO	1.7	24	877	30.2	0	0
4	0119	1	AUTO	1.7	26	853	30	0	0
5	0120	1	AUTO	2.1	30	834	30	0	0
6	0121	1	AUTO	1.8	24	828	30.7	0	0
7	0122	1	AUTO	1.6	25	816	30.6	0	0
8	0123	1	AUTO	1.9	30	836	29.2	0	0
9	0124	1	AUTO	2	30	828	28.9	0	0
10	0125	1	AUTO	2	27	831	28.6	0	0
11	0126	1	AUTO	2.2	31	877	29.6	0	0
12	0127	1	AUTO	.9	1526	623	31.7	0	0
13	0128	1	AUTO	.3	1163	679	32.4	0	0
14	0129	1	AUTO	1.5	40	772	30.8	0	0
15	0130	1	AUTO	1.9	34	804	29.7	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.6	205	815.9	30.3	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW O2
LOAD
TEST NUMBER 1
TEST DATE 3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0131	1	AUTO	1.8	26	788	29.7	0	0
2	0132	1	AUTO	2.3	31	805	28.9	0	0
3	0133	1	AUTO	1.9	32	848	28.7	0	0
4	0134	1	AUTO	1.2	27	849	29.8	0	0
5	0135	1	AUTO	1.6	29	877	29.5	0	0
6	0136	1	AUTO	1.6	25	909	30.4	0	0
7	0137	1	AUTO	1.6	24	918	29.7	0	0
8	0138	1	AUTO	1.8	23	1069	29.5	0	0
9	0139	1	AUTO	.3	2000	612	32	0	0
10	0140	1	AUTO	1.1	84	1131	29.8	0	0
11	0141	1	AUTO	1.8	38	1218	28.9	0	0
12	0142	1	AUTO	1.6	34	1256	29.5	0	0
13	0143	1	AUTO	1.4	33	1189	29.5	0	0
14	0144	1	AUTO	1.7	27	1205	29.8	0	0
15	0145	1	AUTO	1.1	34	1150	30.1	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.5	164	988.3	29.7	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0218	1	AUTO	.9	37	1105	30.3	0	0
2	0219	1	AUTO	1.5	30	1169	29.4	0	0
3	0220	1	AUTO	2	33	1265	29.3	0	0
4	0221	1	AUTO	1.9	28	1306	29.1	0	0
5	0222	1	AUTO	2.1	27	1302	28.8	0	0
6	0223	1	AUTO	1.5	33	1230	29.6	0	0
7	0224	1	AUTO	2.1	29	1218	28.4	0	0
8	0225	1	AUTO	2.1	32	1266	28.2	0	0
9	0226	1	AUTO	2.2	29	1281	29.4	0	0
10	0227	1	AUTO	2	27	1265	29.1	0	0
11	0228	1	AUTO	1.4	30	1255	30.5	0	0
12	0229	1	AUTO	1.4	26	1219	30	0	0
13	0230	1	AUTO	.8	137	1141	32.7	0	0
14	0231	1	AUTO	1.4	34	1234	31.1	0	0
15	0232	1	AUTO	1.1	36	1201	32.5	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.6	38	1230.5	29.9	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0233	1	AUTO	.9	30	1053	31.9	0	0
2	0234	1	AUTO	1.4	35	1063	31.4	0	0
3	0235	1	AUTO	1.7	28	1058	30.7	0	0
4	0236	1	AUTO	1.1	48	914	31.5	0	0
5	0237	1	AUTO	1.3	28	936	31.2	0	0
6	0238	1	AUTO	1.5	35	874	31.1	0	0
7	0239	1	AUTO	1.8	29	840	30.3	0	0
8	0240	1	AUTO	1.8	31	823	29.9	0	0
9	0241	1	AUTO	1.7	27	779	29.8	0	0
10	0242	1	AUTO	2	33	797	29.7	0	0
11	0243	1	AUTO	1	251	689	31.8	0	0
12	0244	1	AUTO	.8	388	698	30.8	0	0
13	0245	1	AUTO	1.7	40	735	29.3	0	0
14	0246	1	AUTO	2.1	37	750	29.4	0	0
15	0247	1	AUTO	2.3	28	746	29.3	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.5	71	850.3	30.5	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0445	1	AUTO	1.8	24	1022	30.4	0	0
2	0446	1	AUTO	1.8	26	1050	30	0	0
3	0447	1	AUTO	1.4	30	1044	30.4	0	0
4	0448	1	AUTO	1.6	24	1078	30	0	0
5	0449	1	AUTO	.9	24	1001	31.3	0	0
6	0450	1	AUTO	1.1	32	954	30.9	0	0
7	0451	1	AUTO	1.8	33	1026	29	0	0
8	0452	1	AUTO	1.6	29	1036	30.5	0	0
9	0453	1	AUTO	1.2	32	1014	30.7	0	0
10	0454	1	AUTO	1.2	26	1013	30.2	0	0
11	0455	1	AUTO	1.3	32	1030	29.9	0	0
12	0456	1	AUTO	1.6	33	1030	30.6	0	0
13	0457	1	AUTO	1.2	24	1064	30.7	0	0
14	0458	1	AUTO	.8	335	1000	30.3	0	0
15	0459	1	AUTO	2	30	1014	28.9	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.4	49	1025.1	30.3	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-3-1984

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0500	1	AUTO	2	24	1058	28.9	0	0
2	0501	1	AUTO	1.9	31	1106	28.7	0	0
3	0502	1	AUTO	2	30	1106	28.8	0	0
4	0503	1	AUTO	1.9	24	1059	28.7	0	0
5	0504	1	AUTO	1.4	27	1069	29.3	0	0
6	0505	1	AUTO	1.1	30	983	29.4	0	0
7	0506	1	AUTO	1.8	28	1040	29.9	0	0
8	0507	1	AUTO	1.7	25	1034	29.6	0	0
9	0508	1	AUTO	1.4	25	1044	30.7	0	0
10	0509	1	AUTO	1.5	26	1100	30	0	0
11	0510	1	AUTO	1.8	25	1096	29.4	0	0
12	0511	1	AUTO	1.8	23	1039	28.9	0	0
13	0512	1	AUTO	2	25	1016	29.2	0	0
14	0513	1	AUTO	1.8	30	1016	29.4	0	0
15	0514	1	AUTO	2.2	22	1011	28.4	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.8	26	1051.8	29.3	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0515	1	AUTO	1.8	25	1021	29.4	0	0
2	0516	1	AUTO	1.9	32	1084	29.3	0	0
3	0517	1	AUTO	1.6	23	1091	29.3	0	0
4	0518	1	AUTO	1.7	29	1106	29.1	0	0
5	0519	1	AUTO	1.6	32	1026	29.9	0	0
6	0520	1	AUTO	2.3	27	1017	27.5	0	0
7	0521	1	AUTO	2.5	24	998	28.7	0	0
8	0522	1	AUTO	1	24	933	29.7	0	0
9	0523	1	AUTO	1.4	27	1047	30.3	0	0
10	0524	1	AUTO	1.7	28	1084	29.7	0	0
11	0525	1	AUTO	2.1	30	1094	28.7	0	0
12	0526	1	AUTO	1.7	32	1043	29.8	0	0
13	0527	1	AUTO	1.9	24	1013	28.7	0	0
14	0528	1	AUTO	1.9	29	989	29.6	0	0
15	0529	1	AUTO	2.3	23	991	27.6	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.8	27	1035.8	29.2	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0530	1	AUTO	2.1	23	1019	28.8	0	0
2	0531	1	AUTO	1	37	973	31.2	0	0
3	0532	1	AUTO	1.4	28	1008	29.5	0	0
4	0533	1	AUTO	1.9	29	980	28.9	0	0
5	0534	1	AUTO	1.8	30	937	30	0	0
6	0535	1	AUTO	1	26	928	30.9	0	0
7	0536	1	AUTO	1.9	24	1075	29.7	0	0
8	0537	1	AUTO	2.3	31	1089	28.3	0	0
9	0538	1	AUTO	1.6	48	983	30.6	0	0
10	0539	1	AUTO	1.4	33	985	29.5	0	0
11	0540	1	AUTO	1.7	23	1023	29.4	0	0
12	0541	1	AUTO	2	31	1041	29.1	0	0
13	0542	1	AUTO	1.8	25	989	29.2	0	0
14	0543	1	AUTO	1.6	24	1014	30	0	0
15	0544	1	AUTO	2	30	1024	28.8	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.7	29	1004.5	29.6	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-3-1984

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0551	1	AUTO	2.3	23	987	29.2	0	0
2	0552	1	AUTO	2.5	31	979	28.7	0	0
3	0553	1	AUTO	2	32	981	28.9	0	0
4	0554	1	AUTO	2.5	24	936	27.6	0	0
5	0555	1	AUTO	2.2	27	1029	28.5	0	0
6	0556	1	AUTO	2.3	30	967	28.2	0	0
7	0557	1	AUTO	2.2	24	961	28.3	0	0
8	0558	1	AUTO	1.9	28	994	28.6	0	0
9	0559	1	AUTO	2	32	991	30.1	0	0
10	0600	1	AUTO	1.9	32	1005	29.3	0	0
11	0601	1	AUTO	2.4	32	998	28.5	0	0
12	0602	1	AUTO	1	169	930	30.9	0	0
13	0603	1	AUTO	1.3	34	971	29.5	0	0
14	0604	1	AUTO	2	32	967	27.8	0	0
15	0605	1	AUTO	2	25	1020	29	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2	38	981.1	28.9	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-3-1984

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0606	1	AUTO	1.5	32	972	30.1	0	0
2	0607	1	AUTO	1.8	28	930	29.7	0	0
3	0608	1	AUTO	1.4	24	911	30.5	0	0
4	0609	1	AUTO	1.8	29	1067	28.8	0	0
5	0610	1	AUTO	1.9	32	1037	28.7	0	0
6	0611	1	AUTO	1.7	24	1017	28.8	0	0
7	0612	1	AUTO	2.1	23	1030	29.2	0	0
8	0613	1	AUTO	2.2	32	1036	28.2	0	0
9	0614	1	AUTO	2.2	31	1048	28.4	0	0
10	0615	1	AUTO	2.4	25	1010	28.2	0	0
11	0616	1	AUTO	2	31	1016	29.4	0	0
12	0617	1	AUTO	.9	35	943	30.9	0	0
13	0618	1	AUTO	1.9	25	1022	28.6	0	0
14	0619	1	AUTO	1.2	90	956	29.6	0	0
15	0620	1	AUTO	2.1	34	1009	28.9	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.8	33	1000.3	29.2	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0621	1	AUTO	2.3	31	1029	28.4	0	0
2	0622	1	AUTO	1.9	31	979	28.8	0	0
3	0623	1	AUTO	2.1	23	980	29	0	0
4	0624	1	AUTO	2.1	31	1005	27.5	0	0
5	0625	1	AUTO	1.9	26	1012	28.5	0	0
6	0626	1	AUTO	1.4	25	1009	28.7	0	0
7	0627	1	AUTO	2.1	25	1043	28.4	0	0
8	0628	1	AUTO	2.2	30	1009	28.2	0	0
9	0629	1	AUTO	1.9	31	1036	28.7	0	0
10	0630	1	AUTO	2.2	31	1045	28	0	0
11	0631	1	AUTO	1.8	26	1013	28.5	0	0
12	0632	1	AUTO	2	23	973	28	0	0
13	0633	1	AUTO	1.9	23	1002	27.7	0	0
14	0634	1	AUTO	2.3	31	1012	27.8	0	0
15	0635	1	AUTO	2.4	24	1033	27.7	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2	27	1012	28.3	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0636	1	AUTO	2	26	1038	29.1	0	0
2	0637	1	AUTO	1.8	25	1072	28.6	0	0
3	0638	1	AUTO	2	28	1142	29.1	0	0
4	0639	1	AUTO	1	25	996	29.6	0	0
5	0640	1	AUTO	.9	487	969	29.1	0	0
6	0641	1	AUTO	2.7	40	1074	27.8	0	0
7	0642	1	AUTO	2.7	31	1053	27.3	0	0
8	0643	1	AUTO	1.9	31	998	29.7	0	0
9	0644	1	AUTO	1.4	32	1018	30.2	0	0
10	0653	KILN OUT	AUTO	1.9	32	1100	28.2	0	0
11	0654	KILN OUT	AUTO	2.6	25	1152	27.3	0	0
12	0655	KILN OUT	AUTO	2	24	1146	27.9	0	0
13	0656	KILN OUT	AUTO	2.2	23	1152	27.8	0	0
14	0657	KILN OUT	AUTO	2.4	28	1132	28.1	0	0
15	0658	KILN OUT	AUTO	2.1	29	1126	28.1	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2	59	1077.9	28.5	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0659	KILN OUT	AUTO	2.1	26	1190	28.6	0	0
2	0700	KILN OUT	AUTO	1.6	29	1075	28.4	0	0
3	0701	KILN OUT	AUTO	2.2	29	1104	28.3	0	0
4	0702	KILN OUT	AUTO	1	29	1050	30.6	0	0
5	0703	KILN OUT	AUTO	1.4	26	1113	29.3	0	0
6	0704	KILN OUT	AUTO	2.1	32	1204	28.5	0	0
7	0705	KILN OUT	AUTO	2.4	26	1187	28	0	0
8	0706	KILN OUT	AUTO	1.3	28	1074	30.4	0	0
9	0707	KILN OUT	AUTO	1.9	28	1130	28.6	0	0
10	0708	KILN OUT	AUTO	1.8	24	1070	29.4	0	0
11	0709	KILN OUT	AUTO	1.7	33	1055	29.3	0	0
12	0710	KILN OUT	AUTO	2.4	25	1136	28.4	0	0
13	0711	KILN OUT	AUTO	1.9	28	1095	29.2	0	0
14	0712	KILN OUT	AUTO	1.9	32	1142	29.2	0	0
15	0713	KILN OUT	AUTO	1.8	25	1077	29.3	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.8	28	1113.5	29	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-3-1984

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0714	KILN OUT	AUTO	2	32	1064	29.1	0	0
2	0715	KILN OUT	AUTO	2.2	31	1037	28.5	0	0
3	0716	KILN OUT	AUTO	2	25	1074	28.7	0	0
4	0717	KILN OUT	AUTO	1.7	26	1061	29.3	0	0
5	0718	KILN OUT	AUTO	1.3	41	999	30.9	0	0
6	0719	KILN OUT	AUTO	.2	1969	803	31.3	0	0
7	0720	KILN OUT	AUTO	1.4	44	1024	30	0	0
8	0721	KILN OUT	AUTO	2.1	29	1150	28.9	0	0
9	0722	KILN OUT	AUTO	2.1	35	1177	28.7	0	0
10	0723	KILN OUT	AUTO	1.6	29	1154	29.9	0	0
11	0724	KILN OUT	AUTO	.9	37	995	30.8	0	0
12	0725	KILN OUT	AUTO	1.8	29	1026	29.1	0	0
13	0726	KILN OUT	AUTO	2	26	1153	28.5	0	0
14	0727	KILN OUT	AUTO	2	31	1124	29.1	0	0
15	0728	KILN OUT	AUTO	1.5	33	1105	29.7	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.7	161	1063.1	29.5	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0729	KILN OUT	AUTO	1.9	25	1145	29.2	0	0
2	0730	KILN OUT	AUTO	1.9	25	1086	28.9	0	0
3	0731	KILN OUT	AUTO	2.1	33	1077	27.9	0	0
4	0732	KILN OUT	AUTO	2	27	1081	28.3	0	0
5	0733	KILN OUT	AUTO	1.5	25	1070	30.2	0	0
6	0734	KILN OUT	AUTO	1.7	29	1124	29.4	0	0
7	0735	KILN OUT	AUTO	1.7	32	1081	29.5	0	0
8	0736	KILN OUT	AUTO	2	27	981	28.4	0	0
9	0737	KILN OUT	AUTO	2	25	1058	29.3	0	0
10	0738	KILN OUT	AUTO	2.2	32	1107	29.5	0	0
11	0739	KILN OUT	AUTO	1.3	28	1005	30.3	0	0
12	0740	KILN OUT	AUTO	1.2	34	1013	31	0	0
13	0741	KILN OUT	AUTO	1.6	30	1016	30.5	0	0
14	0742	KILN OUT	AUTO	1.7	32	1020	29.6	0	0
15	0743	KILN OUT	AUTO	2	32	1111	29.7	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.8	29	1065	29.4	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0744	KILN OUT	AUTO	1.6	30	1094	30.3	0	0
2	0751	KILN OUT	AUTO	1.3	28	949	30.5	0	0
3	0752	KILN OUT	AUTO	1.7	30	925	30.1	0	0
4	0753	KILN OUT	AUTO	1.8	29	912	30.2	0	0
5	0754	KILN OUT	AUTO	1.1	37	820	30.9	0	0
6	0755	KILN OUT	AUTO	1.2	33	854	32	0	0
7	0756	KILN OUT	AUTO	1.5	27	845	30.6	0	0
8	0757	KILN OUT	AUTO	1.5	24	891	31.8	0	0
9	0758	KILN OUT	AUTO	1.4	31	914	30.5	0	0
10	0759	KILN OUT	AUTO	1.7	24	898	30.7	0	0
11	0800	KILN OUT	AUTO	2.2	24	951	29.7	0	0
12	0801	KILN OUT	AUTO	1.6	27	892	31.1	0	0
13	0802	KILN OUT	AUTO	1.6	30	844	30.2	0	0
14	0803	KILN OUT	AUTO	1.9	26	914	30.2	0	0
15	0804	KILN OUT	AUTO	.7	234	789	31.3	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.5	42	899.5	30.7	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0805	KILN OUT	AUTO	1.6	29	905	30.8	0	0
2	0806	KILN OUT	AUTO	1.8	23	821	29.8	0	0
3	0807	KILN OUT	AUTO	1.6	23	834	30.6	0	0
4	0808	KILN OUT	AUTO	1.4	24	759	31.1	0	0
5	0809	KILN OUT	AUTO	1.2	23	791	31	0	0
6	0810	KILN OUT	AUTO	1.7	24	730	30	0	0
7	0811	KILN OUT	AUTO	1.7	28	750	30.7	0	0
8	0812	KILN OUT	AUTO	1.4	27	736	30.2	0	0
9	0813	KILN OUT	AUTO	1.2	24	734	31.5	0	0
10	0814	KILN OUT	AUTO	1.5	26	755	30.2	0	0
11	0815	KILN OUT	AUTO	1.8	24	774	29.6	0	0
12	0816	KILN OUT	AUTO	1.6	30	764	30.6	0	0
13	0817	KILN OUT	AUTO	1.1	32	739	30.9	0	0
14	0818	KILN OUT	AUTO	1.7	27	809	30	0	0
15	0819	KILN OUT	AUTO	1.2	23	890	30.4	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.5	26	786.1	30.5	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW O2
LOAD
TEST NUMBER 1
TEST DATE 3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0820	KILN OUT	AUTO	1	29	901	30.3	0	0
2	0821	KILN OUT	AUTO	1.6	23	921	29.1	0	0
3	0822	KILN OUT	AUTO	2	28	935	28.3	0	0
4	0823	KILN OUT	AUTO	2.3	31	1086	28.3	0	0
5	0824	KILN OUT	AUTO	1.6	28	1068	29.6	0	0
6	0825	KILN OUT	AUTO	.9	1961	904	30.8	0	0
7	0826	KILN OUT	AUTO	1	676	1036	30.4	0	0
8	0827	KILN OUT	AUTO	2	37	1196	28.2	0	0
9	0828	KILN OUT	AUTO	2.4	28	1216	28.1	0	0
10	0829	KILN OUT	AUTO	1.8	30	1165	28.7	0	0
11	0830	KILN OUT	AUTO	2.1	24	1104	28.4	0	0
12	0831	KILN OUT	AUTO	2	30	1122	28.9	0	0
13	0832	KILN OUT	AUTO	1.9	24	1114	28.6	0	0
14	0833	KILN OUT	AUTO	2.6	22	1095	28	0	0
15	0834	KILN OUT	AUTO	1	29	993	30.8	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.7	200	1057.1	29.1	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW O2
LOAD
TEST NUMBER 1
TEST DATE 3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0835	KILN OUT	AUTO	1.2	31	1040	29.5	0	0
2	0836	KILN OUT	AUTO	1.2	29	1062	29.7	0	0
3	0837	KILN OUT	AUTO	1.4	28	1007	29.1	0	0
4	0838	KILN OUT	AUTO	1.8	24	1029	28.8	0	0
5	0839	KILN OUT	AUTO	1.1	25	951	30.1	0	0
6	0840	KILN OUT	AUTO	1.8	22	984	28.5	0	0
7	0841	KILN OUT	AUTO	1.7	29	1020	29.5	0	0
8	0842	KILN OUT	AUTO	1.4	29	994	29	0	0
9	0843	KILN OUT	AUTO	2	26	1061	28	0	0
10	0844	KILN OUT	AUTO	2.4	30	1098	27.5	0	0
11	0845	KILN OUT	AUTO	2.2	27	1113	28.3	0	0
12	0856	KILN OUT	AUTO	2	23	1159	28.3	0	0
13	0857	KILN OUT	AUTO	1.9	26	1157	28.9	0	0
14	0858	KILN OUT	AUTO	1.8	30	1189	29.3	0	0
15	0859	KILN OUT	AUTO	1.5	23	1144	29.2	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.7	27	1067.2	28.9	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-3-1984

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0900	KILN OUT	AUTO	1.9	27	1175	29.6	0	0
2	0901	KILN OUT	AUTO	1.8	28	1168	28.8	0	0
3	0902	KILN OUT	AUTO	1.3	30	1093	30.1	0	0
4	0903	KILN OUT	AUTO	1.5	30	1184	29.4	0	0
5	0904	KILN OUT	AUTO	1.5	31	1187	29.8	0	0
6	0905	KILN OUT	AUTO	1.9	31	1198	29	0	0
7	0906	KILN OUT	AUTO	1.7	31	1221	29.2	0	0
8	0907	KILN OUT	AUTO	1.7	23	1249	30	0	0
9	0908	KILN OUT	AUTO	.7	327	996	31.7	0	0
10	0909	KILN OUT	AUTO	1.5	30	1156	30.4	0	0
11	0910	KILN OUT	AUTO	2.1	23	1221	29.4	0	0
12	0911	KILN OUT	AUTO	2.1	22	1190	28.9	0	0
13	0912	KILN OUT	AUTO	1	24	1085	31.5	0	0
14	0913	KILN OUT	AUTO	1.6	27	1152	30	0	0
15	0914	KILN OUT	AUTO	2	29	1152	29.7	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.6	48	1161.8	29.8	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW O2
LOAD
TEST NUMBER 1
TEST DATE 3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0915	KILN OUT	AUTO	1.7	23	1141	30.2	0	0
2	0916	KILN OUT	AUTO	1.9	28	1139	30.1	0	0
3	0917	KILN OUT	AUTO	1.9	22	1123	29.7	0	0
4	0918	KILN OUT	AUTO	1.8	24	1104	30.8	0	0
5	0919	KILN OUT	AUTO	1.6	30	1093	30.6	0	0
6	0920	KILN OUT	AUTO	1.7	30	1108	32.3	0	0
7	0921	KILN OUT	AUTO	.9	35	1036	32.9	0	0
8	0922	KILN OUT	AUTO	.4	201	958	33.5	0	0
9	0923	KILN OUT	AUTO	1.3	27	992	31.2	0	0
10	0924	KILN OUT	AUTO	2.2	25	1046	29.4	0	0
11	0925	KILN OUT	AUTO	2.4	30	1045	28.6	0	0
12	0926	KILN OUT	AUTO	2	32	979	29.3	0	0
13	0927	KILN OUT	AUTO	1.7	32	976	29.7	0	0
14	0928	KILN OUT	AUTO	2.1	26	980	29.3	0	0
15	0929	KILN OUT	AUTO	2	24	880	29	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.7	39	1040	30.4	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW O2
LOAD
TEST NUMBER 1
TEST DATE 3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0930	KILN OUT	AUTO	1.8	24	854	29.5	0	0
2	0931	KILN OUT	AUTO	1.6	30	782	30.6	0	0
3	0932	KILN OUT	AUTO	1.8	23	826	29.8	0	0
4	0933	KILN OUT	AUTO	1.8	22	766	29.1	0	0
5	0934	KILN OUT	AUTO	1.6	31	811	30	0	0
6	0935	KILN OUT	AUTO	1.6	31	777	29.4	0	0
7	0936	KILN OUT	AUTO	1.9	22	736	30.1	0	0
8	0937	KILN OUT	AUTO	1.7	22	740	30.2	0	0
9	0938	KILN OUT	AUTO	2.1	28	731	29.6	0	0
10	0939	KILN OUT	AUTO	1.6	21	706	31.2	0	0
11	0940	KILN OUT	AUTO	.9	39	673	32.2	0	0
12	0941	KILN OUT	AUTO	1.2	25	702	32.9	0	0
13	0942	KILN OUT	AUTO	.8	32	677	33.2	0	0
14	0943	KILN OUT	AUTO	2.2	31	739	30.1	0	0
15	0944	KILN OUT	AUTO	1.4	25	666	32.1	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.6	27	745.7	30.7	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0945	KILN OUT	AUTO	1.1	26	675	31.3	0	0
2	0951	KILN OUT	AUTO	1.2	32	786	32.6	0	0
3	0952	KILN OUT	AUTO	.8	33	800	32.1	0	0
4	0954	XKILN OUT	AUTO	1.4	44	940	29.8	0	0
5	0955	XKILN OUT	AUTO	1.1	53	899	29.4	0	0
6	0956	XKILN OUT	AUTO	2.1	21	929	28.5	0	0
7	0957	XKILN OUT	AUTO	2.4	29	894	27.6	0	0
8	0958	XKILN OUT	AUTO	2.4	23	845	27.3	0	0
9	0959	XKILN OUT	AUTO	1.7	26	850	28.5	0	0
10	1000	XKILN OUT	AUTO	1.6	23	911	29.2	0	0
11	1001	XKILN OUT	AUTO	1.6	24	902	29.2	0	0
12	1002	XKILN OUT	AUTO	1.9	25	901	28.6	0	0
13	1003	XKILN OUT	AUTO	1.9	20	928	29.8	0	0
14	1004	XKILN OUT	AUTO	1.8	29	898	29.5	0	0
15	1005	XKILN OUT	AUTO	1.5	24	900	29.7	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.6	29	870.5	29.5	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1006	XKILN OUT	AUTO	1.3	20	843	30.1	0	0
2	1007	XKILN OUT	AUTO	1.2	29	841	30	0	0
3	1826	1	AUTO	.3	1548	682	32.7	0	0
4	1827	1	AUTO	.4	65	821	32.9	0	0
5	1828	1	AUTO	1	41	897	31.8	0	0
6	1829	1	AUTO	1.1	37	955	32	0	0
7	1830	1	AUTO	1.4	36	989	30.8	0	0
8	1831	1	AUTO	1.4	41	993	30.9	0	0
9	1832	1	AUTO	1	35	973	30.7	0	0
10	1833	1	AUTO	1.1	36	968	30.8	0	0
11	1834	1	AUTO	1.2	38	1032	31	0	0
12	1835	1	AUTO	1.2	34	1071	31	0	0
13	1836	1	AUTO	1.5	34	1001	30.4	0	0
14	1837	1	AUTO	.3	1606	738	32.6	0	0
15	1838	1	AUTO	.4	93	963	32	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1	246	917.8	31.3	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1839	1	AUTO	.4	72	973	32.2	0	0
2	1840	1	AUTO	.7	46	984	31	0	0
3	1841	1	AUTO	1.3	42	1086	30.3	0	0
4	1842	1	AUTO	1.2	39	1039	31.6	0	0
5	1843	1	AUTO	.1	2000	615	33	0	0
6	1844	1	AUTO	.4	181	841	32.5	0	0
7	1845	1	AUTO	.5	80	946	31.8	0	0
8	1846	1	AUTO	1	46	986	32.4	0	0
9	1847	1	AUTO	.4	119	957	31	0	0
10	1848	1	AUTO	1.2	36	1063	29.9	0	0
11	1849	1	AUTO	1.2	38	1145	31.8	0	0
12	1850	1	AUTO	.8	479	991	32.7	0	0
13	1851	1	AUTO	.7	201	1004	31.1	0	0
14	1852	1	AUTO	1.1	42	1077	30.6	0	0
15	1853	1	AUTO	.7	751	911	32.5	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.8	278	974.5	31.6	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW O2
LOAD
TEST NUMBER 1
TEST DATE 3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1854	1	AUTO	.3	427	943	32	0	0
2	1855	1	AUTO	1.2	45	1087	30.8	0	0
3	1856	1	AUTO	1	43	1098	31.6	0	0
4	1857	1	AUTO	1.1	48	1127	31.6	0	0
5	1858	1	AUTO	.3	344	977	32.2	0	0
6	1859	1	AUTO	1	43	1114	29.5	0	0
7	1900	1	AUTO	1.1	102	1046	32	0	0
8	1901	1	AUTO	.7	39	1027	32.2	0	0
9	1902	1	AUTO	1.5	33	1222	30.4	0	0
10	1903	1	AUTO	1.1	40	1076	31.3	0	0
11	1904	1	AUTO	.4	1943	710	33.1	0	0
12	1905	1	AUTO	.3	376	959	32.9	0	0
13	1906	1	AUTO	.5	61	973	33.5	0	0
14	1907	1	AUTO	1.1	42	1104	30.7	0	0
15	1908	1	AUTO	.7	41	1030	33.2	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.8	242	1032.9	31.8	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1909	1	AUTO	.9	38	1100	32.7	0	0
2	1910	1	AUTO	.4	276	843	33.8	0	0
3	1911	1	AUTO	.8	40	928	32.8	0	0
4	1912	1	AUTO	1.1	43	1007	32.4	0	0
5	1913	1	AUTO	.6	35	962	33.1	0	0
6	1914	1	AUTO	.7	54	838	33.1	0	0
7	1915	1	AUTO	.5	95	742	33.7	0	0
8	1916	1	AUTO	.8	39	1016	33.4	0	0
9	1917	1	AUTO	.1	1996	641	33.9	0	0
10	1918	1	AUTO	.9	58	965	33.5	0	0
11	1919	1	AUTO	.5	89	966	32.9	0	0
12	1920	1	AUTO	.7	40	1066	31.7	0	0
13	1921	1	AUTO	.3	798	822	32.6	0	0
14	1922	1	AUTO	.8	44	888	33.2	0	0
15	1923	1	AUTO	.7	41	946	32.9	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.7	246	915.3	33	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1924	1	AUTO	.9	41	886	32.5	0	0
2	1929	1	AUTO	1.4	318	903	31.2	0	0
3	1930	1	AUTO	.1	2000	623	33.8	0	0
4	1931	1	AUTO	.1	808	680	33.8	0	0
5	1932	1	AUTO	.5	62	834	32.9	0	0
6	1933	1	AUTO	.2	2000	669	33.5	0	0
7	1934	1	AUTO	.1	2000	558	33.8	0	0
8	1935	1	AUTO	.5	67	711	33.2	0	0
9	1936	1	AUTO	.3	372	698	33.9	0	0
10	1937	1	AUTO	.7	46	818	33	0	0
11	1938	1	AUTO	.9	43	929	31.8	0	0
12	1939	1	AUTO	.9	44	879	33	0	0
13	1940	1	AUTO	1	44	858	33.5	0	0
14	1941	1	AUTO	.2	2000	235	33.5	0	0
15	1942	1	AUTO	.1	1645	596	33.1	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.5	766	725.1	33.1	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1943	1	AUTO	.6	54	698	33.2	0	0
2	1944	1	AUTO	.5	364	662	34.1	0	0
3	1945	1	AUTO	.8	43	689	33.9	0	0
4	1946	1	AUTO	.9	145	753	34.4	0	0
5	1947	1	AUTO	.1	2000	447	34.7	0	0
6	1948	1	AUTO	.7	1173	630	34.7	0	0
7	1949	1	AUTO	.4	470	627	34.4	0	0
8	1950	1	AUTO	.7	1184	647	34.4	0	0
9	1951	1	AUTO	.1	1726	545	34.3	0	0
10	1952	1	AUTO	.4	116	596	33.7	0	0
11	1953	1	AUTO	.1	2000	457	34.5	0	0
12	1954	1	AUTO	.1	2000	426	34.3	0	0
13	1955	1	AUTO	.5	88	710	33.5	0	0
14	1956	1	AUTO	.5	255	612	33.7	0	0
15	1957	1	AUTO	.1	1000	486	34.6	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.4	841	599	34.2	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1958	1	AUTO	.3	268	526	34.2	0	0
2	1959	1	AUTO	.3	911	557	33.9	0	0
3	2000	1	AUTO	.2	729	580	33.1	0	0
4	2001	1	AUTO	.1	2000	443	32.8	0	0
5	2002	1	AUTO	.1	513	676	31.8	0	0
6	2003	1	AUTO	.5	53	810	30.8	0	0
7	2004	1	AUTO	.5	48	887	31.3	0	0
8	2005	1	AUTO	.5	72	859	30.5	0	0
9	2006	1	AUTO	.6	57	873	30.6	0	0
10	2007	1	AUTO	.1	1688	648	32.1	0	0
11	2008	1	AUTO	.3	234	821	31.9	0	0
12	2009	1	AUTO	.7	47	991	31.4	0	0
13	2010	1	AUTO	.6	47	943	31.6	0	0
14	2011	1	AUTO	.4	290	891	31.2	0	0
15	2012	1	AUTO	.3	1768	746	31.6	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.4	582	750.1	31.9	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2013	1	AUTO	.2	544	897	31.2	0	0
2	2014	1	AUTO	.4	666	893	31.9	0	0
3	2015	1	AUTO	.4	152	999	31.5	0	0
4	2016	1	AUTO	.2	480	897	31.1	0	0
5	2017	1	AUTO	.4	286	919	31.1	0	0
6	2018	1	AUTO	.7	46	1075	31	0	0
7	2019	1	AUTO	.2	1531	885	31.6	0	0
8	2020	1	AUTO	.2	722	891	31.5	0	0
9	2021	1	AUTO	.3	412	918	32.2	0	0
10	2022	1	AUTO	.1	1104	793	32.5	0	0
11	2023	1	AUTO	.6	43	1115	31.2	0	0
12	2024	1	AUTO	.4	215	1008	31.8	0	0
13	2025	1	AUTO	.6	50	1107	31.3	0	0
14	2026	1	AUTO	.6	53	1237	30.2	0	0
15	2027	1	AUTO	.4	81	1157	30.7	0	0
VG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.4	426	986.1	31.4	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2029	1	AUTO	.6	44	1200	31.2	0	0
2	2034	1	AUTO	1.5	294	1257	29.4	0	0
3	2046	1	AUTO	.7	36	1332	31.2	0	0
4	2047	1	AUTO	.8	32	1484	31.1	0	0
5	2048	1	AUTO	.6	67	1502	31.2	0	0
6	2049	1	AUTO	.5	211	1288	32.9	0	0
7	2050	1	AUTO	.9	40	1571	31.8	0	0
8	2051	1	AUTO	.6	230	1225	33.1	0	0
9	2053	1	AUTO	.7	50	1391	32.1	0	0
10	2110	1	AUTO	1.1	32	1213	31.9	0	0
11	2111	1	AUTO	1	37	1138	32.9	0	0
12	2112	1	AUTO	.8	66	982	35.4	0	0
13	2113	1	AUTO	1.1	37	1165	31.5	0	0
14	2114	1	AUTO	.5	1849	759	35.6	0	0
15	2115	1	AUTO	.6	69	1105	34	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.8	206	1240.8	32.4	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-3 1984

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2116	1	AUTO	.9	40	1140	33.4	0	0
2	2117	1	AUTO	.7	43	945	34.5	0	0
3	2118	1	AUTO	.9	37	934	34.3	0	0
4	2119	1	AUTO	1	37	923	33.3	0	0
5	2120	1	AUTO	.8	42	899	34.1	0	0
6	2121	1	AUTO	.7	46	934	32.3	0	0
7	2123	1	AUTO	1.3	39	877	33.2	0	0
8	2127	1	AUTO	.3	851	706	33.6	0	0
9	2129	1	AUTO	.5	94	843	33.5	0	0
10	2141	1	AUTO	.1	2000	528	34.9	0	0
11	2142	1	AUTO	.2	83	753	34.1	0	0
12	2143	1	AUTO	.1	2000	488	34.7	0	0
13	2144	1	AUTO	.3	172	606	34.3	0	0
14	2145	1	AUTO	.6	59	680	34	0	0
15	2146	1	AUTO	.2	634	647	34	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.6	412	793.5	33.9	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 # 4
UNIT NUMBER	1
DESCRIPTION	LOW 02
LOAD	
TEST NUMBER	1
TEST DATE	3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2212	1	AUTO	.3	201	895	31.8	0	0
2	2213	1	AUTO	.8	43	1048	30.4	0	0
3	2214	1	AUTO	1	31	1026	30.7	0	0
4	2215	1	AUTO	.1	966	759	31.8	0	0
5	2223	1	AUTO	1.3	38	1136	29.3	0	0
6	2224	1	AUTO	1.2	37	1078	30.2	0	0
7	2225	1	AUTO	1.2	30	1163	29.7	0	0
8	2226	1	AUTO	1.4	32	1288	29.7	0	0
9	2227	1	AUTO	1.5	35	1248	29.4	0	0
10	2228	1	AUTO	1	28	1182	30.5	0	0
11	2229	1	AUTO	1	28	1074	30.7	0	0
12	2230	1	AUTO	.8	53	1059	31.3	0	0
13	2231	1	AUTO	.5	266	976	31	0	0
14	2232	1	AUTO	1.3	36	1092	30.1	0	0
15	2233	1	AUTO	1.4	37	1196	29.7	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1	124	1081.3	30.4	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-3-1984

ID #	TIME	POINT	MODE	02 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2234	1	AUTO	.9	308	1101	31.6	0	0
2	2235	1	AUTO	.1	2000	759	32.9	0	0
3	2236	1	AUTO	1.5	54	1183	30	0	0
4	2237	1	AUTO	1.3	45	1108	31.3	0	0
5	2238	1	AUTO	1.3	36	1058	30.4	0	0
6	2239	1	AUTO	1.4	36	1143	30.6	0	0
7	2240	1	AUTO	.9	45	1071	33.1	0	0
8	2241	1	AUTO	.3	1687	898	32.8	0	0
9	2242	1	AUTO	1.2	41	1136	32	0	0
10	2243	1	AUTO	1.1	34	1028	33	0	0
11	2244	1	AUTO	1.2	38	1000	32.1	0	0
12	2245	1	AUTO	.8	741	814	34.2	0	0
13	2246	1	AUTO	.5	60	773	34	0	0
14	2247	1	AUTO	1.1	31	956	33	0	0
15	2248	1	AUTO	.5	46	946	33.2	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.9	347	998.3	32.3	0	0

ONLINE EMISSIONS MONITOR

LOCATION EPA 806038 # 4
UNIT NUMBER 1
DESCRIPTION LOW 02
LOAD
TEST NUMBER 1
TEST DATE 3-3-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2249	1	AUTO	.2	2000	599	34.3	0	0
2	2250	1	AUTO	.7	54	858	32.6	0	0
3	2251	1	AUTO	.9	42	830	33.7	0	0
4	2252	1	AUTO	1	40	906	30.7	0	0
5	2253	1	AUTO	1	34	819	32.8	0	0
6	2254	1	AUTO	1	57	687	33.5	0	0
7	2255	1	AUTO	.5	297	762	33.6	0	0
8	2256	1	AUTO	.6	70	715	34.4	0	0
9	2257	1	AUTO	.8	34	679	33.5	0	0
10	2258	1	AUTO	.6	150	545	35.2	0	0
11	2259	1	AUTO	.4	250	547	35.6	0	0
12	2300	1	AUTO	.1	2000	334	36.6	0	0
13	2301	1	AUTO	.1	1618	349	37	0	0
14	2302	1	AUTO	.3	1999	346	35.5	0	0
15	2303	1	AUTO	.1	2000	264	36.8	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.6	710	616	34.4	0	0

EMISSION MONITOR DATA SET 4

APRIL 17-18, 1984

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1451	KILN OUT	AUTO	1.6	68	1627	31.1	0	0
2	1452	KILN OUT	AUTO	2.2	60	1613	28.9	0	0
3	1453	KILN OUT	AUTO	1.9	63	1547	30	0	0
4	1454	KILN OUT	AUTO	.2	1236	1057	33.1	0	0
5	1455	KILN OUT	AUTO	1.2	128	1515	30.2	0	0
6	1456	KILN OUT	AUTO	.6	99	1359	32.5	0	0
7	1457	KILN OUT	AUTO	1.8	59	240	4.4	0	0
8	1503	KILN OUT	AUTO	1	71	1425	31.1	0	0
9	1504	KILN OUT	AUTO	1.2	74	1411	31.5	0	0
10	1505	KILN OUT	AUTO	1.2	73	1465	31.4	0	0
11	1506	KILN OUT	AUTO	1.7	64	1435	30.3	0	0
12	1507	KILN OUT	AUTO	1.8	65	1502	30	0	0
13	1508	KILN OUT	AUTO	1.4	74	1373	31.9	0	0
14	1509	KILN OUT	AUTO	.3	1126	1079	32	0	0
15	1510	KILN OUT	AUTO	.2	300	1131	32	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.2	237	1318.6	29.4	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1511	KILN OUT	AUTO	.9	121	1325	30.8	0	0
2	1512	KILN OUT	AUTO	1.8	87	1652	30.5	0	0
3	1513	KILN OUT	AUTO	1.8	72	1586	29.9	0	0
4	1514	KILN OUT	AUTO	.7	138	1278	31.7	0	0
5	1515	KILN OUT	AUTO	.7	86	1333	31.3	0	0
6	1516	KILN OUT	AUTO	1.9	60	1645	29.2	0	0
7	1517	KILN OUT	AUTO	1.1	71	1543	31.7	0	0
8	1518	KILN OUT	AUTO	1.1	67	1555	31	0	0
9	1519	KILN OUT	AUTO	.8	69	1378	31.8	0	0
10	1520	KILN OUT	AUTO	1	67	1496	30.8	0	0
11	1521	KILN OUT	AUTO	2.1	56	1648	29.5	0	0
12	1522	KILN OUT	AUTO	2	62	1796	30.6	0	0
13	1523	KILN OUT	AUTO	1.1	61	1569	30.6	0	0
14	1524	KILN OUT	AUTO	1.4	67	1747	29.2	0	0
15	1525	KILN OUT	AUTO	2	56	1827	29.1	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.4	76	1558.5	30.5	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1526	KILN OUT	AUTO	1.2	66	1591	31	0	0
2	1527	KILN OUT	AUTO	1.8	62	1753	30.2	0	0
3	1528	KILN OUT	AUTO	1.2	65	1589	30	0	0
4	1529	KILN OUT	AUTO	1.8	60	1811	29.5	0	0
5	1530	KILN OUT	AUTO	1.5	63	1677	30.2	0	0
6	1531	KILN OUT	AUTO	.5	155	1398	32.8	0	0
7	1532	KILN OUT	AUTO	1.3	91	1646	32.1	0	0
8	1533	KILN OUT	AUTO	.9	85	1610	30.5	0	0
9	1534	KILN OUT	AUTO	1.7	72	1787	29.6	0	0
10	1535	KILN OUT	AUTO	1.6	73	1816	30.4	0	0
11	1536	KILN OUT	AUTO	1.8	72	1814	31.2	0	0
12	1537	KILN OUT	AUTO	1.4	65	1793	30.1	0	0
13	1538	KILN OUT	AUTO	1	71	1592	30.9	0	0
14	1539	KILN OUT	AUTO	1.8	71	1839	29.7	0	0
15	1540	KILN OUT	AUTO	1.6	62	1820	30.4	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.4	76	1702.4	30.6	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1541	KILN OUT	AUTO	.5	1640	1161	33	0	0
2	1542	KILN OUT	AUTO	1.4	89	1777	30.4	0	0
3	1543	KILN OUT	AUTO	1.6	70	1813	29.4	0	0
4	1544	KILN OUT	AUTO	1	110	1676	30.5	0	0
5	1545	KILN OUT	AUTO	1.6	76	1843	29.5	0	0
6	1546	KILN OUT	AUTO	1.4	79	1611	31.9	0	0
7	1547	KILN OUT	AUTO	2	60	1851	28.9	0	0
8	1604	KILN OUT	AUTO	.9	70	1584	33	0	0
9	1605	KILN OUT	AUTO	.5	125	1354	33.9	0	0
10	1606	KILN OUT	AUTO	.5	212	1436	33.2	0	0
11	1607	KILN OUT	AUTO	1.5	64	1766	31.6	0	0
12	1608	KILN OUT	AUTO	1.9	51	1775	30.4	0	0
13	1609	KILN OUT	AUTO	1.5	64	1598	31.7	0	0
14	1610	KILN OUT	AUTO	2.1	51	1712	30.8	0	0
15	1611	KILN OUT	AUTO	1.5	59	1540	30.7	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.3	188	1633.1	31.3	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1612	KILN OUT	AUTO	1.8	53	1579	30.3	0	0
2	1613	KILN OUT	AUTO	1.4	60	1413	30.4	0	0
3	1614	KILN OUT	AUTO	.8	216	1238	33.2	0	0
4	1615	KILN OUT	AUTO	.9	78	1412	31.7	0	0
5	1616	KILN OUT	AUTO	.8	694	1166	33	0	0
6	1617	KILN OUT	AUTO	.1	662	1162	32.4	0	0
7	1618	KILN OUT	AUTO	1.1	97	1440	31.8	0	0
8	1619	KILN OUT	AUTO	1.3	80	1473	32.3	0	0
9	1620	KILN OUT	AUTO	1.1	73	1470	31.4	0	0
10	1621	KILN OUT	AUTO	1.8	59	1568	30.9	0	0
11	1622	KILN OUT	AUTO	2.5	46	1624	29.1	0	0
12	1623	KILN OUT	AUTO	1.3	57	1410	31.4	0	0
13	1624	KILN OUT	AUTO	1.3	53	1346	32.8	0	0
14	1625	KILN OUT	AUTO	1.8	45	1522	29.3	0	0
15	1626	KILN OUT	AUTO	1.9	51	1451	30.3	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.3	155	1418.3	31.4	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1627	KILN OUT	AUTO	1.3	55	1350	31.6	0	0
2	1628	KILN OUT	AUTO	1.6	52	1452	30.8	0	0
3	1629	KILN OUT	AUTO	1.2	54	1301	33.3	0	0
4	1630	KILN OUT	AUTO	1.5	49	1374	30.9	0	0
5	1631	KILN OUT	AUTO	1.5	53	1381	32.2	0	0
6	1632	KILN OUT	AUTO	2.2	50	1477	29.7	0	0
7	1633	KILN OUT	AUTO	1.6	52	1351	31.3	0	0
8	1634	KILN OUT	AUTO	1.3	54	1250	31.8	0	0
9	1635	KILN OUT	AUTO	1.6	47	1345	30.1	0	0
10	1636	KILN OUT	AUTO	.6	1597	868	33.5	0	0
11	1637	KILN OUT	AUTO	.5	267	1183	31.6	0	0
12	1638	KILN OUT	AUTO	1.6	61	1341	30.9	0	0
13	1639	KILN OUT	AUTO	1.9	53	1340	29.9	0	0
14	1640	KILN OUT	AUTO	2	51	1349	29.9	0	0
15	1641	KILN OUT	AUTO	1.5	47	1303	30.8	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.5	169	1311	31.2	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1642	KILN OUT	AUTO	1.8	43	1378	30.4	0	0
2	1643	KILN OUT	AUTO	1.9	42	1307	31.4	0	0
3	1644	KILN OUT	AUTO	1.1	51	1146	32.3	0	0
4	1645	KILN OUT	AUTO	.7	94	1048	31.4	0	0
5	1646	KILN OUT	AUTO	1.1	54	1111	32.3	0	0
6	1647	KILN OUT	AUTO	1.3	45	1205	30.2	0	0
7	1648	KILN OUT	AUTO	2	44	1240	30.9	0	0
8	1649	KILN OUT	AUTO	1.6	42	1203	29.3	0	0
9	1656	KILN OUT	AUTO	1.6	53	1411	31	0	0
10	1657	KILN OUT	AUTO	1.1	59	1266	31.6	0	0
11	1658	KILN OUT	AUTO	1.1	59	1286	31.6	0	0
12	1659	KILN OUT	AUTO	1.8	53	1369	31.1	0	0
13	1700	KILN OUT	AUTO	.2	679	1021	33.6	0	0
14	1701	KILN OUT	AUTO	2.1	57	1371	29.7	0	0
15	1702	KILN OUT	AUTO	2.5	47	1450	29.3	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.5	95	1254.1	31.1	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1703	KILN OUT	AUTO	2.3	51	1372	29.5	0	0
2	1704	KILN OUT	AUTO	.3	1551	849	33.6	0	0
3	1705	KILN OUT	AUTO	1.9	71	1144	30	0	0
4	1706	KILN OUT	AUTO	1.1	69	1124	32	0	0
5	1710	KILN OUT	AUTO	.6	81	1023	32.8	0	0
6	1711	KILN OUT	AUTO	1.1	59	1142	31.9	0	0
7	1712	KILN OUT	AUTO	1.1	245	1114	32.3	0	0
8	1713	KILN OUT	AUTO	1.7	51	1208	30.7	0	0
9	1714	KILN OUT	AUTO	1.5	56	1229	31.5	0	0
10	1715	KILN OUT	AUTO	1.5	49	1271	30.9	0	0
11	1716	KILN OUT	AUTO	1	62	1113	32.9	0	0
12	1717	KILN OUT	AUTO	1.4	47	1257	31.4	0	0
13	1718	KILN OUT	AUTO	1.5	51	1282	30.7	0	0
14	1723	KILN OUT	AUTO	1.8	43	1257	29.9	0	0
15	1724	KILN OUT	AUTO	1.9	44	1210	30.9	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.4	169	1173	31.4	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1725	KILN OUT	AUTO	1.8	46	1199	30.3	0	0
2	1726	KILN OUT	AUTO	.1	2000	730	33.5	0	0
3	1727	KILN OUT	AUTO	2	73	1276	30	0	0
4	1728	KILN OUT	AUTO	.9	71	1143	32.2	0	0
5	1729	KILN OUT	AUTO	.1	1389	892	32.4	0	0
6	1730	KILN OUT	AUTO	2	61	1365	28.9	0	0
7	1731	KILN OUT	AUTO	2.2	55	1380	29.1	0	0
8	1732	KILN OUT	AUTO	1	59	1194	30.5	0	0
9	1733	KILN OUT	AUTO	2.3	47	1371	29.1	0	0
10	1734	KILN OUT	AUTO	1.6	42	1273	30.5	0	0
11	1738	KILN OUT	AUTO	2.1	46	1447	30	0	0
12	1739	KILN OUT	AUTO	2.4	44	1398	28.9	0	0
13	1740	KILN OUT	AUTO	1.3	47	1251	31.2	0	0
14	1741	KILN OUT	AUTO	.2	536	960	33.9	0	0
15	1742	KILN OUT	AUTO	1.4	59	1363	31.4	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15					305	1216.1	30.8	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1743	KILN OUT	AUTO	1.7	50	1397	31.5	0	0
2	1744	KILN OUT	AUTO	.9	54	1209	31.3	0	0
3	1745	KILN OUT	AUTO	1.2	42	1298	31.7	0	0
4	1746	KILN OUT	AUTO	1.5	42	1348	30.9	0	0
5	1747	KILN OUT	AUTO	1.3	49	1294	31	0	0
6	1748	KILN OUT	AUTO	1.4	43	1339	31.3	0	0
7	1749	KILN OUT	AUTO	1.9	39	1363	30.2	0	0
8	1750	KILN OUT	AUTO	2.1	44	1340	30.2	0	0
9	1751	KILN OUT	AUTO	.8	149	1121	31.8	0	0
10	1752	KILN OUT	AUTO	1.2	47	1165	31.8	0	0
11	1759	KILON OUT	AUTO	1.8	39	1349	29.4	0	0
12	1759	KILON OUT	AUTO	1.6	41	1341	29.8	0	0
13	1800	KILON OUT	AUTO	2	42	1321	29.1	0	0
14	1801	KILON OUT	AUTO	2	48	1335	29.8	0	0
15	1802	KILON OUT	AUTO	2.2	43	1348	29.9	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.6	51	1304.5	30.6	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1803	KILON OUT	AUTO	.9	54	1181	31.8	0	0
2	1804	KILON OUT	AUTO	.9	73	1154	31.5	0	0
3	1805	KILON OUT	AUTO	1.2	59	1259	30.1	0	0
4	1806	KILON OUT	AUTO	1.8	48	1339	29.8	0	0
5	1807	KILON OUT	AUTO	2.5	43	1386	28.6	0	0
6	1808	KILON OUT	AUTO	1.1	53	1251	31	0	0
7	1809	KILON OUT	AUTO	1.3	55	1368	30.2	0	0
8	1810	KILON OUT	AUTO	2.2	49	1493	28.8	0	0
9	1811	KILON OUT	AUTO	1.5	47	1405	29.1	0	0
10	1812	KILON OUT	AUTO	2.4	41	1385	27.9	0	0
11	1813	KILON OUT	AUTO	2.3	43	1371	29.4	0	0
12	1814	KILON OUT	AUTO	2.1	44	1320	30	0	0
13	1815	KILON OUT	AUTO	1.4	45	1305	29.9	0	0
14	1816	KILON OUT	AUTO	1.5	51	1424	29.9	0	0
15	1817	KILON OUT	AUTO	2.3	49	1545	28.7	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.7	50	1345.7	29.8	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1821	KILN OUT	AUTO	1.2	49	1442	29.3	0	0
2	1822	KILN OUT	AUTO	.9	71	1242	30.7	0	0
3	1823	KILN OUT	AUTO	.8	59	1186	31.9	0	0
4	1824	KILN OUT	AUTO	2	47	1439	29.4	0	0
5	1825	KILN OUT	AUTO	1.8	49	1399	28.5	0	0
6	1826	KILN OUT	AUTO	1.5	54	1251	28.3	0	0
7	1827	KILN OUT	AUTO	1.9	53	1273	29.1	0	0
8	1828	KILN OUT	AUTO	.9	186	1007	31.8	0	0
9	1829	KILN OUT	AUTO	.4	165	978	31.1	0	0
10	1830	KILN OUT	AUTO	.8	66	1033	30.3	0	0
11	1831	KILN OUT	AUTO	1	56	1076	29	0	0
12	1832	KILN OUT	AUTO	.6	72	977	29.7	0	0
13	1833	KILN OUT	AUTO	1.3	75	1074	29.1	0	0
14	1834	KILN OUT	AUTO	1.4	64	1078	29.1	0	0
15	1835	KILN OUT	AUTO	.7	68	982	30.4	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.1	76	1162.5	29.8	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1836	KILN OUT	AUTO	1	62	1129	29.8	0	0
2	1837	KILN OUT	AUTO	1.2	59	1212	30.1	0	0
3	1838	KILN OUT	AUTO	1.2	61	1241	30	0	0
4	1839	KILN OUT	AUTO	1.6	55	1247	29.2	0	0
5	1840	KILN OUT	AUTO	1.9	55	1300	28.8	0	0
6	1841	KILN OUT	AUTO	1.4	55	1151	29.9	0	0
7	1842	KILN OUT	AUTO	.9	60	1031	30.9	0	0
8	1853	KILN OUT	AUTO	1	98	968	30.3	0	0
9	1854	KILN OUT	AUTO	.8	78	920	30.7	0	0
10	1855	KILN OUT	AUTO	1.2	70	984	29.9	0	0
11	1856	KILN OUT	AUTO	1	68	913	31.4	0	0
12	1857	KILN OUT	AUTO	.9	62	1019	30.9	0	0
13	1858	KILN OUT	AUTO	.9	64	1009	29.9	0	0
14	1859	KILN OUT	AUTO	1.1	60	1090	30.7	0	0
15	1900	KILN OUT	AUTO	.1	82	914	31	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.1	66	1075.2	30.2	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
-1	1901	KILN OUT	AUTO	1.4	48	1101	29.8	0	0
2	1902	KILN OUT	AUTO	1	47	1004	31.5	0	0
3	1903	KILN OUT	AUTO	.9	99	966	31.4	0	0
4	1904	KILN OUT	AUTO	.9	58	955	31.6	0	0
5	1905	KILN OUT	AUTO	1.1	45	989	30.5	0	0
6	1906	KILN OUT	AUTO	.5	78	959	31.1	0	0
7	1907	KILN OUT	AUTO	.4	60	882	30.7	0	0
8	1908	KILN OUT	AUTO	.6	65	941	30.1	0	0
9	1909	KILN OUT	AUTO	.8	51	988	30.1	0	0
10	1910	KILN OUT	AUTO	.9	53	941	31.7	0	0
11	1911	KILN OUT	AUTO	.3	589	832	31.9	0	0
12	1912	KILN OUT	AUTO	.9	49	1090	29.6	0	0
13	1913	KILN OUT	AUTO	.8	47	1057	30.9	0	0
14	1914	KILN OUT	AUTO	1.1	41	1093	29.4	0	0
15	1920	KILN OUT	AUTO	.4	213	894	31.9	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.8	103	979.5	30.8	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1921	KILN OUT	AUTO	1	58	1003	28.8	0	0
2	1922	KILN OUT	AUTO	1.2	52	1083	29.3	0	0
3	1923	KILN OUT	AUTO	.9	50	1019	30	0	0
4	1924	KILN OUT	AUTO	1.4	42	1032	29	0	0
5	1925	KILN OUT	AUTO	1.1	41	952	30.6	0	0
6	1926	KILN OUT	AUTO	.8	47	924	31	0	0
7	1927	KILN OUT	AUTO	1	49	1046	30	0	0
8	1928	KILN OUT	AUTO	.7	322	956	30.9	0	0
9	1929	KILN OUT	AUTO	.6	117	984	29.3	0	0
10	1930	KILN OUT	AUTO	.7	52	1042	29.2	0	0
11	1931	KILN OUT	AUTO	1.1	46	1139	28.4	0	0
12	1932	KILN OUT	AUTO	1.5	37	1217	27.8	0	0
13	1933	KILN OUT	AUTO	1.6	42	1219	29	0	0
14	1934	KILN OUT	AUTO	1.7	43	1206	28.4	0	0
15	1935	KILN OUT	AUTO	1.6	42	1203	28.7	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.1	69	1068.3	29.4	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	1936	KILN OUT	AUTO	1.3	37	1063	30	0	0
2	1937	KILN OUT	AUTO	.3	281	869	30.6	0	0
3	1938	KILN OUT	AUTO	1.2	70	1076	30.3	0	0
4	1939	KILN OUT	AUTO	1.2	55	1085	30.2	0	0
5	1940	KILN OUT	AUTO	1.1	50	1074	29.2	0	0
6	1941	KILN OUT	AUTO	1.1	43	1042	29.6	0	0
7	1942	KILN OUT	AUTO	.6	56	978	30.2	0	0
8	1943	KILN OUT	AUTO	.7	56	1044	29.8	0	0
9	1944	KILN OUT	AUTO	1.2	41	1086	29.5	0	0
10	1945	KILN OUT	AUTO	1.4	44	1136	28.6	0	0
11	1946	KILN OUT	AUTO	1	41	1016	28.9	0	0
12	1947	KILN OUT	AUTO	.6	51	927	30	0	0
13	1948	KILN OUT	AUTO	1.4	43	1045	28.9	0	0
14	1958	KILN OUT	AUTO	.9	58	1106	28.4	0	0
15	1959	KILN OUT	AUTO	1.3	42	1248	26.8	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1	65	1053	29.4	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2000	KILN OUT	AUTO	1.7	38	1255	27.4	0	0
2	2001	KILN OUT	AUTO	.3	697	989	28.3	0	0
3	2002	KILN OUT	AUTO	1.1	47	1220	27.2	0	0
4	2003	KILN OUT	AUTO	.7	51	1130	28.4	0	0
5	2004	KILN OUT	AUTO	1	43	1139	27.8	0	0
6	2005	KILN OUT	AUTO	.1	555	881	29.5	0	0
7	2006	KILN OUT	AUTO	.8	73	1138	28.1	0	0
8	2007	KILN OUT	AUTO	.7	55	1097	28.3	0	0
9	2008	KILN OUT	AUTO	.9	50	1190	28	0	0
10	2009	KILN OUT	AUTO	.6	53	1096	29.1	0	0
11	2010	KILN OUT	AUTO	.8	55	1212	27.9	0	0
12	2011	KILN OUT	AUTO	1.2	44	1260	28.1	0	0
13	2012	KILN OUT	AUTO	.9	38	1181	29.1	0	0
14	2013	KILN OUT	AUTO	.2	1991	800	30.3	0	0
15	2014	KILN OUT	AUTO	.1	495	950	29.9	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.7	286	1102.5	28.5	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2015	KILN OUT	AUTO	1	60	1283	28	0	0
2	2016	KILN OUT	AUTO	.9	57	1191	28.9	0	0
3	2017	KILN OUT	AUTO	.3	202	1072	28.4	0	0
4	2018	KILN OUT	AUTO	1.1	50	1311	27.4	0	0
5	2025	KILN OUT	AUTO	.9	41	1210	28.6	0	0
6	2026	KILN OUT	AUTO	.6	48	1125	28.6	0	0
7	2027	KILN OUT	AUTO	.1	1377	835	30	0	0
8	2028	KILN OUT	AUTO	1.1	49	1288	27.7	0	0
9	2029	KILN OUT	AUTO	1.3	42	1392	27.5	0	0
10	2030	KILN OUT	AUTO	1.7	35	1384	27.5	0	0
11	2031	KILN OUT	AUTO	.1	236	993	29.2	0	0
12	2032	KILN OUT	AUTO	.4	82	1060	28.7	0	0
13	2033	KILN OUT	AUTO	1.2	45	1314	27.6	0	0
14	2034	KILN OUT	AUTO	1.4	40	1396	26.8	0	0
15	2035	KILN OUT	AUTO	.8	36	1284	27.8	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.9	160	1209.2	28.2	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2036	KILN OUT	AUTO	.2	600	1025	28.5	0	0
2	2037	KILN OUT	AUTO	.5	69	1288	27.7	0	0
3	2038	KILN OUT	AUTO	.7	45	1284	28.1	0	0
4	2039	KILN OUT	AUTO	1.4	41	1485	26.3	0	0
5	2040	KILN OUT	AUTO	1.6	28	1476	25.8	0	0
6	2041	KILN OUT	AUTO	.7	34	1262	27.6	0	0
7	2042	KILN OUT	AUTO	.1	1061	944	28.3	0	0
8	2043	KILN OUT	AUTO	.6	82	1298	27.3	0	0
9	2044	KILN OUT	AUTO	1.2	48	1487	26.6	0	0
10	2045	KILN OUT	AUTO	1.5	46	1533	26.1	0	0
11	2046	KILN OUT	AUTO	.8	46	1375	27.7	0	0
12	2047	KILN OUT	AUTO	.9	43	1443	27.1	0	0
13	2048	KILN OUT	AUTO	1.2	39	1526	26.7	0	0
14	2049	KILN OUT	AUTO	.2	1967	894	29	0	0
15	2050	KILN OUT	AUTO	.1	1505	956	28.4	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				.8	377	1285.1	27.4	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2051	KILN OUT	AUTO	1.1	58	1536	27	0	0
2	2052	KILN OUT	AUTO	1.3	46	1638	27	0	0
3	2058		AUTO	1.2	40	1549	30	0	0
4	2059		AUTO	1.6	32	1587	26.9	0	0
5	2100		AUTO	1.2	38	1595	27.2	0	0
6	2101		AUTO	1.3	29	1618	26.8	0	0
7	2102		AUTO	.3	52	1241	28.5	0	0
8	2103		AUTO	.4	60	1297	28.6	0	0
9	2104		AUTO	1	35	1601	27.3	0	0
10	2105		AUTO	1.2	33	1655	26.8	0	0
11	2106		AUTO	.3	119	1274	28.6	0	0
12	2107		AUTO	1.1	31	1580	27.2	0	0
13	2108		AUTO	1.3	30	1659	27	0	0
14	2109		AUTO	2.1	28	1767	26.4	0	0
15	2110		AUTO	1.1	25	1594	27.5	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.1	44	1546.1	27.5	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2111		AUTO	.5	323	1491	28.1	0	0
2	2112		AUTO	3.6	33	1696	24	0	0
3	2113		AUTO	3.9	29	1689	23.5	0	0
4	2114		AUTO	3.8	25	1634	23.7	0	0
5	2115		AUTO	3.4	23	1621	24.1	0	0
6	2116		AUTO	3.6	26	1559	24	0	0
7	2117		AUTO	3	23	1627	24	0	0
8	2118		AUTO	3.4	20	1563	24.1	0	0
9	2119		AUTO	3.4	27	1567	24.7	0	0
10	2120		AUTO	3.1	27	1584	25.6	0	0
11	2125	KILN OUT	AUTO	2.8	23	1564	25.5	0	0
12	2126	KILN OUT	AUTO	2.8	29	1542	25.5	0	0
13	2127	KILN OUT	AUTO	2.7	21	1501	26.2	0	0
14	2128	KILN OUT	AUTO	2.9	23	1525	26.1	0	0
15	2129	KILN OUT	AUTO	2.8	28	1439	25.2	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				3	45	1573.5	25	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2130	KILN OUT	AUTO	2.6	25	1476	26.1	0	0
2	2131	KILN OUT	AUTO	2.8	26	1458	25.7	0	0
3	2132	KILN OUT	AUTO	2.5	29	1437	25.6	0	0
4	2133	KILN OUT	AUTO	2.5	22	1456	25.8	0	0
5	2134	KILN OUT	AUTO	2.3	30	1411	26.4	0	0
6	2135	KILN OUT	AUTO	2.5	26	1405	26.2	0	0
7	2136	KILN OUT	AUTO	2.5	22	1354	26	0	0
8	2137	KILN OUT	AUTO	2.7	28	1302	25.9	0	0
9	2138	KILN OUT	AUTO	3.3	28	1234	25.8	0	0
10	2139	KILN OUT	AUTO	3.1	26	1223	25.5	0	0
11	2140	KILN OUT	AUTO	3.1	30	1223	25.2	0	0
12	2141	KILN OUT	AUTO	1.8	25	1156	27.4	0	0
13	2142	KILN OUT	AUTO	2.3	27	1140	27.2	0	0
14	2143	KILN OUT	AUTO	2.1	32	1142	26.7	0	0
15	2144	KILN OUT	AUTO	2.3	23	1137	26.7	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.6	27	1303.6	26.1	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2145	KILN OUT	AUTO	2.1	27	1152	26.7	0	0
2	2146	KILN OUT	AUTO	2.3	29	1113	26.4	0	0
3	2147	KILN OUT	AUTO	2.6	24	1083	26.1	0	0
4	2148	KILN OUT	AUTO	2.1	30	1128	26.9	0	0
5	2149	KILN OUT	AUTO	1.2	27	1053	28.1	0	0
6	2150	KILN OUT	AUTO	1.6	32	1063	27.1	0	0
7	2158	KILN OUT	AUTO	1.7	40	908	27.5	0	0
8	2159	KILN OUT	AUTO	1.8	37	908	28	0	0
9	2200	KILN OUT	AUTO	1.4	34	869	28.7	0	0
10	2201	KILN OUT	AUTO	1.4	30	868	28.6	0	0
11	2202	KILN OUT	AUTO	.6	37	740	30.3	0	0
12	2203	KILN OUT	AUTO	.4	101	705	30.7	0	0
13	2204	KILN OUT	AUTO	.4	201	733	30.2	0	0
14	2205	KILN OUT	AUTO	.6	94	717	30.1	0	0
15	2206	KILN OUT	AUTO	1.5	52	845	28.4	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.4	53	925.7	28.3	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2207	KILN OUT	AUTO	.7	56	739	29.5	0	0
2	2208	KILN OUT	AUTO	.9	37	777	28.1	0	0
3	2209	KILN OUT	AUTO	1.8	39	790	27.8	0	0
4	2210	KILN OUT	AUTO	1.7	37	854	27.6	0	0
5	2211	KILN OUT	AUTO	1.4	29	823	27.8	0	0
6	2212	KILN OUT	AUTO	.8	307	781	29.3	0	0
7	2213	KILN OUT	AUTO	1.2	35	822	28.4	0	0
8	2214	KILN OUT	AUTO	1.6	34	863	27.8	0	0
9	2215	KILN OUT	AUTO	1.5	27	865	28.2	0	0
10	2216	KILN OUT	AUTO	1.2	40	872	28	0	0
11	2217	KILN OUT	AUTO	1.5	28	926	28	0	0
12	2218	KILN OUT	AUTO	1.7	26	923	27.7	0	0
13	2219	KILN OUT	AUTO	1.6	30	910	27.3	0	0
14	2220	KILN OUT	AUTO	.7	29	856	28.6	0	0
15	2221	KILN OUT	AUTO	.6	67	828	29.3	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.3	55	841.9	28.2	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2226	KILN OUT	AUTO	2.5	22	1044	25.1	0	0
2	2227	KILN OUT	AUTO	2.4	22	1065	25.5	0	0
3	2228	KILN OUT	AUTO	2.4	28	1029	26.1	0	0
4	2229	KILN OUT	AUTO	1.7	25	980	27.3	0	0
5	2230	KILN OUT	AUTO	1.9	29	1040	26.2	0	0
6	2231	KILN OUT	AUTO	2.3	21	1018	26.4	0	0
7	2232	KILN OUT	AUTO	1.6	29	993	27.2	0	0
8	2233	KILN OUT	AUTO	.9	27	801	28	0	0
9	2234	KILN OUT	AUTO	1.9	31	933	26.8	0	0
10	2235	KILN OUT	AUTO	2.2	24	956	25.8	0	0
11	2236	KILN OUT	AUTO	2.1	24	956	26	0	0
12	2237	KILN OUT	AUTO	1.6	30	861	27.2	0	0
13	2238	KILN OUT	AUTO	1.6	30	840	27	0	0
14	2239	KILN OUT	AUTO	1.7	21	864	26.3	0	0
15	2240	KILN OUT	AUTO	1.8	29	887	26.7	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.9	26	951.1	26.5	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2241	KILN OUT	AUTO	1.6	32	935	27.2	0	0
2	2242	KILN OUT	AUTO	2.3	24	855	25.9	0	0
3	2243	KILN OUT	AUTO	2.2	29	880	26.8	0	0
4	2244	KILN OUT	AUTO	1.5	23	844	27.2	0	0
5	2245	KILN OUT	AUTO	1.6	28	831	27	0	0
6	2246	KILN OUT	AUTO	1.1	29	774	27.6	0	0
7	2247	KILN OUT	AUTO	1.7	27	842	26.1	0	0
8	2248	KILN OUT	AUTO	1.4	31	804	26.9	0	0
9	2249	KILN OUT	AUTO	1.4	25	866	26.9	0	0
10	2250	KILN OUT	AUTO	.3	2000	514	28.9	0	0
11	2251	KILN OUT	AUTO	.9	55	770	28	0	0
12	2252	KILN OUT	AUTO	1.5	39	855	26.6	0	0
13	2253	KILN OUT	AUTO	1.9	33	963	26	0	0
14	2254	KILN OUT	AUTO	1.7	34	854	26.2	0	0
15	2255	KILN OUT	AUTO	.8	154	760	27.8	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.5	171	823.1	27	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2256	KILN OUT	AUTO	.7	36	757	27.9	0	0
2	2257	KILN OUT	AUTO	.2	1435	626	28	0	0
3	2258	KILN OUT	AUTO	2	41	888	25	0	0
4	2259	KILN OUT	AUTO	2	36	891	26	0	0
5	2305	KILN OUT	AUTO	1.9	29	907	26.1	0	0
6	2306	KILN OUT	AUTO	1.7	25	896	27	0	0
7	2307	KILN OUT	AUTO	1.4	36	859	27.3	0	0
8	2308	KILN OUT	AUTO	1.4	29	898	27.3	0	0
9	2309	KILN OUT	AUTO	2	26	1002	25.5	0	0
10	2310	KILN OUT	AUTO	2	23	1024	26.3	0	0
11	2311	KILN OUT	AUTO	1.7	23	983	26.6	0	0
12	2312	KILN OUT	AUTO	1.8	24	974	27.2	0	0
13	2313	KILN OUT	AUTO	1.5	31	950	27.7	0	0
14	2314	KILN OUT	AUTO	1.6	31	989	28.3	0	0
15	2315	KILN OUT	AUTO	2	24	1038	27.3	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				1.6	123	912.1	26.9	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2316	KILN OUT	AUTO	2.3	24	1079	26.8	0	0
2	2317	KILN OUT	AUTO	2.3	25	1071	26.8	0	0
3	2318	KILN OUT	AUTO	1.8	23	1033	28.2	0	0
4	2319	KILN OUT	AUTO	.7	312	859	28.5	0	0
5	2320	KILN OUT	AUTO	1.8	25	1006	27.1	0	0
6	2321	KILN OUT	AUTO	2.4	25	1171	26.1	0	0
7	2322	KILN OUT	AUTO	2.3	28	1088	26.3	0	0
8	2323	KILN OUT	AUTO	2.8	29	1204	25.7	0	0
9	2324	KILN OUT	AUTO	2.2	24	1110	26.2	0	0
10	2325	KILN OUT	AUTO	2.3	21	1104	26.1	0	0
11	2326	KILN OUT	AUTO	3.2	27	1189	25.4	0	0
12	2327	KILN OUT	AUTO	2.9	23	1109	26.1	0	0
13	2328	KILN OUT	AUTO	1.9	24	1118	28.6	0	0
14	2336	KILN OUT	AUTO	1.8	31	1155	28.7	0	0
15	2337	KILN OUT	AUTO	2.6	30	1197	28.4	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.2	45	1099.5	27	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2338	KILN OUT	AUTO	2.3	24	1153	27.9	0	0
2	2339	KILN OUT	AUTO	1.9	22	1140	28.7	0	0
3	2340	KILN OUT	AUTO	2.5	30	1218	28.6	0	0
4	2341	KILN OUT	AUTO	2.3	23	1214	27.8	0	0
5	2342	KILN OUT	AUTO	1.3	26	1076	29.2	0	0
6	2343	KILN OUT	AUTO	1.3	31	1109	29.6	0	0
7	2344	KILN OUT	AUTO	2.8	29	1244	28.1	0	0
8	2345	KILN OUT	AUTO	2.3	30	1211	28.6	0	0
9	2346	KILN OUT	AUTO	2.4	23	1213	27.7	0	0
10	2347	KILN OUT	AUTO	2.6	25	1199	28.2	0	0
11	2348	KILN OUT	AUTO	1.5	29	1109	29.7	0	0
12	2349	KILN OUT	AUTO	2.1	27	1212	28.9	0	0
13	2350	KILN OUT	AUTO	3	24	1165	27.9	0	0
14	2351	KILN OUT	AUTO	2.2	21	1184	27.8	0	0
15	2352	KILN OUT	AUTO	2.3	30	1110	29.1	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.2	26	1170.5	28.5	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	2353	KILN OUT	AUTO	1.8	24	1043	29.3	0	0
2	2354	KILN OUT	AUTO	1.9	30	1036	28.9	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-18-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0003	KILN OUT	AUTO	2.7	29	1199	27.9	0	0
2	0004	KILN OUT	AUTO	2.6	26	1228	28	0	0
3	0005	KILN OUT	AUTO	2.2	22	1117	28.9	0	0
4	0006	KILN OUT	AUTO	1.8	30	1129	30.1	0	0
5	0007	KILN OUT	AUTO	1.9	23	1104	31.2	0	0
6	0008	KILN OUT	AUTO	1.4	33	996	32	0	0
7	0009	KILN OUT	AUTO	2.2	25	1123	30.1	0	0
8	0010	KILN OUT	AUTO	2.3	30	1129	30.9	0	0
9	0011	KILN OUT	AUTO	2.3	32	1099	30.1	0	0
10	0012	KILN OUT	AUTO	1.6	50	955	30.4	0	0
11	0013	KILN OUT	AUTO	1.8	27	994	31.4	0	0
12	0014	KILN OUT	AUTO	2	25	987	30.1	0	0
13	0015	KILN OUT	AUTO	3.1	25	981	28.6	0	0
14	0016	KILN OUT	AUTO	2.3	31	918	29	0	0
15	0017	KILN OUT	AUTO	2.7	28	969	28.7	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.2	29	1061.9	29.8	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-18-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0018	KILN OUT	AUTO	2.1	27	898	29.6	0	0
2	0019	KILN OUT	AUTO	1.9	23	923	28.9	0	0
3	0020	KILN OUT	AUTO	3.3	24	1015	28.1	0	0
4	0021	KILN OUT	AUTO	2.9	24	995	28.9	0	0
5	0022	KILN OUT	AUTO	1.7	27	900	31.5	0	0
6	0023	KILN OUT	AUTO	2.6	27	1023	30.4	0	0
7	0024	KILN OUT	AUTO	2.7	29	1051	28.8	0	0
8	0025	KILN OUT	AUTO	2.7	26	1031	29.6	0	0
9	0026	KILN OUT	AUTO	2.8	27	1062	28.8	0	0
10	0027	KILN OUT	AUTO	3.2	22	943	28.5	0	0
11	0028	KILN OUT	AUTO	2.9	26	985	29.3	0	0
12	0029	KILN OUT	AUTO	1.6	35	862	32.8	0	0
13	0030	KILN OUT	AUTO	2.6	33	925	30.2	0	0
14	0038	KILN OUT	AUTO	1.2	32	841	30.7	0	0
15	0039	KILN OUT	AUTO	2.8	24	987	28.4	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.5	27	962.7	29.6	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-18-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0040	KILN OUT	AUTO	2.7	26	965	29	0	0
2	0041	KILN OUT	AUTO	1.9	25	921	29	0	0
3	0042	KILN OUT	AUTO	2.8	25	936	28.2	0	0
4	0043	KILN OUT	AUTO	3.3	23	1025	26.8	0	0
5	0044	KILN OUT	AUTO	2.6	25	938	28.5	0	0
6	0045	KILN OUT	AUTO	2.1	32	883	29.2	0	0
7	0046	KILN OUT	AUTO	1.8	26	859	29.4	0	0
8	0047	KILN OUT	AUTO	2.5	29	907	29.2	0	0
9	0048	KILN OUT	AUTO	2.5	23	890	29.1	0	0
10	0049	KILN OUT	AUTO	3.1	23	953	28	0	0
11	0050	KILN OUT	AUTO	2.7	25	941	28.4	0	0
12	0051	KILN OUT	AUTO	2.5	28	916	28.9	0	0
13	0052	KILN OUT	AUTO	2.8	30	932	28.3	0	0
14	0053	KILN OUT	AUTO	2.3	29	987	29.4	0	0
15	0054	KILN OUT	AUTO	2.3	28	945	28.3	0	0
AVG, ID'S #1,2,3,4,5,6,7,8,9,10,11,12,13,14,15				2.5	26	933.2	28.6	0	0

ONLINE EMISSIONS MONITOR

LOCATION	EPA 806038 SITE 4
UNIT NUMBER	1
DESCRIPTION	N2 TEST
LOAD	AS FOUND
TEST NUMBER	1
TEST DATE	4-18-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	SO2 PPM	FET F
1	0055	KILN OUT	AUTO	2.3	29	948	29.2	0	0
2	0056	KILN OUT	AUTO	2.2	23	1002	28.9	0	0

Please Note: CO_2 Analyzer not in operation for baghouse inlet measurements

ONLINE EMISSIONS MONITOR

LOCATION	
UNIT NUMBER	BAGHOUSE INLET
DESCRIPTION	N2 INJECTION
LOAD	FULL
TEST NUMBER	BASELINE
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	NOIN PPM	O2IN %	NO PPM

1	1541	BAGIN	AUTO	12.7	196	1117	20	39	1
2	1542	BAGIN	AUTO	13.1	6	1397	20	36	1
3	1543	BAGIN	AUTO	13.1	8	1455	20	38	1
4	1544	BAGIN	AUTO	12.8	84	1300	20	39	1
5	1545	BAGIN	AUTO	13.1	13	1533	20	39	1
6	1546	BAGIN	AUTO	12.9	13	1389	20	39	1
7	1547	BAGIN	AUTO	13.2	1	1588	20	36	1
8	1548	BAGIN	AUTO	13.2	2	1591	20	37	1
9	1549	BAGIN	AUTO	12.7	14	1202	20	39	1
10	1550	BAGIN	AUTO	12.9	1	1432	20	39	1
11	1551	BAGIN	AUTO	13.2	1	1610	20	40	1
12	1552	BAGIN	AUTO	13	1	1473	20	40	1
13	1553	BAGIN	AUTO	13.1	2	1553	20	40	1
14	1554	BAGIN	AUTO	13.1	1	1547	20	37	1
15	1555	BAGIN	AUTO	12.7	183	1093	20	41	1
16	1556	BAGIN	AUTO	12.9	2	1428	20	41	1
17	1557	BAGIN	AUTO	13	2	1510	20	41	1
18	1558	BAGIN	AUTO	12.7	68	1224	20	41	1
19	1559	BAGIN	AUTO	12.7	7	1324	20	0	0
20	1600	BAGIN	AUTO	13	2	1518	20	32	1

ONLINE EMISSIONS MONITOR

LOCATION
UNIT NUMBER — BAGHOUSE INLET
DESCRIPTION — N2 INJECTION
LOAD — FULL
TEST NUMBER — BASELINE
TEST DATE — 4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	NOIN PPM	O2IN %	NO PPM
1	1601	BAGIN	AUTO	13.2	3	1636	20	32	1	
2	1602	BAGIN	AUTO	12.9	3	1387	20	35	1	
3	1603	BAGIN	AUTO	12.9	2	1389	20	39	1	
4	1604	BAGIN	AUTO	13.3	2	1552	20	37	1	
5	1605	BAGIN	AUTO	12.8	2	1288	20	41	1	
6	1606	BAGIN	AUTO	12.7	13	1225	20	41	1	
7	1607	BAGIN	AUTO	13	2	1514	20	41	1	
8	1608	BAGIN	AUTO	13.2	1	1522	20	40	1	
9	1609	CAL 0	MANUAL	.5X	0	1X	.2	0	0	
10	1616	BAGIN	AUTO	4X	75	214X	20	36	1	
11	1617	BAGIN	AUTO	11.2X	36	785X	20	37	1	
12	1618	BAGIN	AUTO	13.2	2	1286	20	38	1	
13	1619	BAGIN	AUTO	13.1	1	1272	20	38	1	
14	1620	BAGIN	AUTO	13.1	0	1300	20	39	1	
15	1621	BAGIN	AUTO	13	1	1370	20	39	1	
16	1622	BAGIN	AUTO	13.4	1	1399	20	39	1	
17	1623	BAGIN	AUTO	13.2	1	1304	20	40	1	
18	1624	BAGIN	AUTO	13.1	2	1162	20	37	1	
19	1625	BAGIN	AUTO	13	2	1295	20	39	1	
20	1626	BAGIN	AUTO	13.2	1	1354	20	40	1	

1	1627	BAGIN	AUTO	13	1	1240	20	41	1
2	1628	BAGIN	AUTO	13.2	1	1342	20	40	1
3	1629	BAGIN	AUTO	13.2	1	1324	20	40	1
4	1630	BAGIN	AUTO	12.9	1	1259	20	39	1
5	1631	BAGIN	AUTO	13.3	1	1378	20	38	1
6	1632	BAGIN	AUTO	13.3	1	1400	20	35	1
7	1633	BAGIN	AUTO	13.3	1	1335	20	38	1
8	1634	BAGIN	AUTO	13.2	1	1286	20	37	1
9	1635	BAGIN	AUTO	13.1	2	1296	20	37	1
10	1636	BAGIN	AUTO	13.1	102	1009	20	38	1
11	1637	BAGIN	AUTO	12.8	12	1067	20	39	1
12	1638	BAGIN	AUTO	13.2	1	1329	20	38	1
13	1639	BAGIN	AUTO	13.4	1	1423	20	40	1
14	1640	BAGIN	AUTO	13.3	1	1376	20	36	1
15	1641	BAGIN	AUTO	13.3	1	1366	20	39	1
16	1642	BAGIN	AUTO	13.2	1	1401	20	40	1
17	1643	BAGIN	AUTO	13.5	1	1437	20	40	1
18	1644	BAGIN	AUTO	13.2	1	1261	20	40	1
19	1645	BAGIN	AUTO	12.9	8	1099	20	38	1
20	1646	BAGIN	AUTO	13	1	1165	20	39	1

ONLINE EMISSIONS MONITOR

LOCATION	
UNIT NUMBER	BAGHOUSE INLET
DESCRIPTION	N2 INJECTION
LOAD	FULL
TEST NUMBER	BASELINE
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	NOIN PPM	O2IN %	NO PPM
1	1647	BAGIN	AUTO	13.2	1	1235	20	38	1	
2	1648	BAGIN	AUTO	13.3	1	1286	20	37	1	
3	1649	BAGIN	AUTO	13.3	2	1277	20	37	1	
4	1650	BAGIN	AUTO	13.6	5	1273	20	37	1	
5	1651	BAGIN	AUTO	13.3	3	1269	20	38	1	
6	1652	BAGIN	AUTO	13.1	4	1196	20	39	1	
7	1652	BAGIN	AUTO	13.3	2	1246	20	36	1	
8	1653	BAGIN	AUTO	13.2	5	1109	20	34	1	
9	1654	BAGIN	AUTO	12.8	14	1024	20	39	1	
10	1655	BAGIN	AUTO	12.9	0	0	.4	3	0	
11	1656	BAGIN	AUTO	.2	0	0	.7	0	0	
12	1657	BAGIN	AUTO	9	183	315	.3	0	0	
13	1658	BAGIN	AUTO	9.1	183	313	.3	0	0	
14	1659	BAGIN	AUTO	9	183	302	.2	0	0	
15	1700	BAGIN	AUTO	9	183	302	.2	0	0	
16	1701	BAGIN	AUTO	9.3	2	779	20	31	1	
17	1702	BAGIN	AUTO	13.5	2	1265	20	36	1	
18	1703	BAGIN	AUTO	13.3	2	1200	20	38	1	
19	1704	BAGIN	AUTO	12.8	139	805	20	41	1	
20	1705	BAGIN	AUTO	12.9	5	939	20	50	2	

1	1706	BAGIN	AUTO	13	2	989	20	51	2
2	1707	BAGIN	AUTO	12.6	65	774	20	48	2
3	1708	BAGIN	AUTO	13.1	3	1036	20	50	2
4	1709	BAGIN	AUTO	13.2	1	1019	20	48	1
5	1710	BAGIN	AUTO	12.8	22	811	20	44	1
6	1711	BAGIN	AUTO	12.8	3	1005	20	39	1
7	1712	BAGIN	AUTO	12.9	12	991	20	43	1
8	1713	BAGIN	AUTO	12.8	4	957	20	47	1
9	1714	BAGIN	AUTO	13	2	1070	20	48	1
10	1715	BAGIN	AUTO	13	3	1090	20	50	2
11	1716	BAGIN	AUTO	13	1	984	20	48	1
12	1717	BAGIN	AUTO	13	3	1075	20	51	2
13	1718	BAGIN	AUTO	13.1	2	1120	20	50	1
14	1719	BAGIN	AUTO	13.1	2	1085	20	49	1
15	1720	BAGIN	AUTO	13	1	1102	20	41	1
16	1721	BAGIN	AUTO	13.2	2	1190	20	33	0
17	1722	BAGIN	AUTO	13	2	1080	20	41	1
18	1723	BAGIN	AUTO	13.2	2	1142	20	43	1
19	1724	BAGIN	AUTO	13.2	2	1114	20	46	1
20	1725	BAGIN	AUTO	13.2	2	1097	20	46	1

ONLINE EMISSIONS MONITOR

LOCATION
UNIT NUMBER — BAGHOUSE INLET
DESCRIPTION — N2 INJECTION
LOAD — FULL
TEST NUMBER — BASELINE
TEST DATE — 4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	NOIN PPM	O2IN %	NO PPM
1	1726	BAGIN	AUTO	12.5	183	572	20	51	2	
2	1727	BAGIN	AUTO	13.3	4	1144	20	49	2	
3	1728	BAGIN	AUTO	13.1	3	1050	20	41	1	
4	1729	BAGIN	AUTO	12.6	168	637	20	40	1	
5	1730	BAGIN	AUTO	13.3	4	1177	20	36	1	
6	1731	BAGIN	AUTO	13.3	3	1196	20	39	1	
7	1732	BAGIN	AUTO	13	2	1017	20	45	1	
8	1733	BAGIN	AUTO	13.3	3	1145	20	46	1	
9	1734	BAGIN	AUTO	13.1	2	1086	20	43	1	
10	1735	BAGIN	AUTO	12.7	7	914	20	49	2	
11	1736	BAGIN	AUTO	12.9	3	974	20	50	2	
12	1737	BAGIN	AUTO	13.1	3	1113	20	45	1	
13	1738	BAGIN	AUTO	13.3	3	1118	20	39	1	
14	1739	BAGIN	AUTO	13.3	2	1104	20	35	1	
15	1740	BAGIN	AUTO	13.1	2	986	20	44	1	
16	1741	BAGIN	AUTO	12.6	52	727	20	48	1	
17	1742	BAGIN	AUTO	13	1	971	20	49	1	
18	1743	BAGIN	AUTO	13.2	1	1051	20	49	1	
19	1744	BAGIN	AUTO	12.9	1	907	20	46	1	
20	1745	BAGIN	AUTO	13	2	973	20	44	1	

ONLINE EMISSIONS MONITOR

LOCATION	
UNIT NUMBER	BAGHOUSE INLET
DESCRIPTION	N2 INJECTION
LOAD	FULL
TEST NUMBER	BASELINE
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	NOIN PPM	O2IN %	NO PPM
1	1852		AUTO	12.5	84	717	13.1	0	0	
2	1853	BAGIN	AUTO	12.9	20	819	13	2	0	
3	1854	BAGIN	AUTO	12.7	10	748	13.1	0	0	
4	1855	BAGIN	AUTO	12.8	8	801	13	0	0	
5	1856	BAGIN	AUTO	12.8	7	779	13.1	0	0	
6	1857	BAGIN	AUTO	12.7	12	813	13.1	0	0	
7	1858	BAGIN	AUTO	12.7	12	805	12.9	0	0	
8	1859	BAGIN	AUTO	12.9	6	878	13	0	0	
9	1900	BAGIN	AUTO	12.6	39	746	13.2	0	1	
10	1901	BAGIN	AUTO	12.9	8	888	12.9	0	0	
11	1902	BAGIN	AUTO	12.8	13	843	13.1	0	1	
12	1903	BAGIN	AUTO	12.7	52	767	13.1	0	0	
13	1904	BAGIN	AUTO	12.7	10	763	13.2	0	0	
14	1905	BAGIN	AUTO	12.9	4	811	13	0	1	
15	1906	BAGIN	AUTO	12.6	43	757	13.2	0	0	
16	1907	BAGIN	AUTO	12.6	15	732	13.2	0	0	
17	1908	BAGIN	AUTO	12.6	13	771	13.1	0	0	
18	1909	BAGIN	AUTO	12.7	10	814	13	0	0	
19	1910	BAGIN	AUTO	12.7	6	789	13.1	0	0	
20	1911	BAGIN	AUTO	12.7	224	700	13.1	0	0	

1	1912	BAGIN	AUTO	12.8	13	890	12.9	0	0
2	1913	BAGIN	AUTO	12.9	8	891	13.1	0	0
3	1914	BAGIN	AUTO	12.9	15	882	13	1	0
4	1915	BAGIN	AUTO	12.7	6	791	13	0	0
5	1916	BAGIN	AUTO	13	8	913	12.7	0	0
6	1917	BAGIN	AUTO	13.1	9	887	12.8	0	0
7	1918	0 CAL	MANUAL	.3 X	0	0 X	.1	0	0
8	1920	CAL 02&NO	MANUAL	8.9 X	1000	296 X	.2	0	0
9	1924	BAGIN	AUTO	4 X	327	212 X	66.0	0	0
10	1925	BAGIN	AUTO	12.9	7	810	64.8	0	0
11	1926	BAGIN	AUTO	12.7	8	749	65.5	0	0
12	1927	BAGIN	AUTO	12.8	6	833	64.3	0	0
13	1928	BAGIN	AUTO	12.8	160	791	65.6	0	0
14	1929	BAGIN	AUTO	12.6	74	765	64.3	0	0
15	1930	BAGIN	AUTO	12.6	11	827	64.1	0	0
16	1931	BAGIN	AUTO	12.8	4	911	63.6	0	0
17	1932	BAGIN	AUTO	12.9	3	974	62.7	0	0
18	1933	BAGIN	AUTO	12.9	8	981	63.5	0	0
19	1934	BAGIN	AUTO	12.9	5	967	62.9	0	0
20	1935	BAGIN	AUTO	12.9	12	966	63	0	0

ONLINE EMISSIONS MONITOR

LOCATION
UNIT NUMBER
DESCRIPTION
LOAD
TEST NUMBER
TEST DATE

BAGHOUSE INLET
N2 INJECTION
FULL
BASELINE
4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	NOIN PPM	O2IN %	NO PPM
1	1936	BAGIN	AUTO	12.8	9	892	64.1	0	0	
2	1937	BAGIN	AUTO	12.5	197	665	65.3	0	0	
3	1938	BAGIN	AUTO	12.8	12	872	64.4	0	0	
4	1939	BAGIN	AUTO	12.8	8	874	64.5	0	0	
5	1940	BAGIN	AUTO	12.8	7	876	63.8	0	0	
6	1941	BAGIN	AUTO	12.8	5	847	64.1	0	0	
7	1942	BAGIN	AUTO	12.6	10	794	64.9	0	0	
8	1943	BAGIN	AUTO	12.6	6	837	64.4	0	0	
9	1944	BAGIN	AUTO	12.8	6	884	63.9	0	0	
10	1945	BAGIN	AUTO	12.9	10	925	63.3	0	0	
11	1946	BAGIN	AUTO	12.7	4	837	63.9	0	0	
12	1947	BAGIN	AUTO	12.6	7	772	64.8	0	0	
13	1948	BAGIN	AUTO	12.8	6	850	63.8	0	0	
14	1949	BAGIN	AUTO	12.8	7	899	64.2	0	0	
15	1950	BAGIN	AUTO	12.7	3	863	63.8	0	0	
16	1951	BAGIN	AUTO	12.9	9	1031	63.6	0	0	
17	1952	BAGIN	AUTO	12.7	13	956	64.8	0	0	
18	1953	BAGIN	AUTO	12.5	906	668	65.9	0	0	
19	1954	BAGIN	AUTO	12.6	23	845	65.1	0	0	
20	1955	BAGIN	AUTO	12.9	7	968	62.9	0	0	

1	1956	BAGIN	AUTO	13	6	1012	63.8	0	0
2	1957	BAGIN	AUTO	12.4	329	674	65.4	0	0
3	1958	BAGIN	AUTO	12.7	8	932	64.6	0	0
4	1959	BAGIN	AUTO	12.9	7	1056	63.2	0	0
5	2000	BAGIN	AUTO	13	6	1108	62.9	0	0
6	2001	BAGIN	AUTO	12.5	242	842	64.5	0	0
7	2002	BAGIN	AUTO	12.8	5	1067	63.5	0	0
8	2003	BAGIN	AUTO	12.7	12	985	64.6	0	0
9	2004	BAGIN	AUTO	12.8	9	1006	63.8	0	0
10	2005	BAGIN	AUTO	12.5	344	756	66.1	0	0
11	2006	BAGIN	AUTO	12.7	21	988	64.2	0	0
12	2007	BAGIN	AUTO	12.7	18	952	64.4	0	0
13	2008	BAGIN	AUTO	12.8	9	1031	64.1	0	0
14	2009	BAGIN	AUTO	12.7	25	952	65.1	0	0
15	2010	BAGIN	AUTO	12.7	12	1039	64.2	0	0
16	2011	BAGIN	AUTO	12.9	8	1131	63.3	0	0
17	2012	BAGIN	AUTO	12.8	4	1092	64.8	0	0
18	2013	BAGIN	AUTO	12.6	1000	722	65.6	0	0
19	2014	BAGIN	AUTO	12.6	291	795	65.8	0	0
20	2015	BAGIN	AUTO	12.9	12	1149	63.6	0	0

ONLINE EMISSIONS MONITOR

LOCATION
UNIT NUMBER — BAGHOUSE INLET
DESCRIPTION — N2 INJECTION
LOAD — FULL
TEST NUMBER — BASELINE
TEST DATE — 4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	NOIN PPM	O2IN %	NO PPM
1	2016	BAGIN	AUTO	13	10	1079	63.8	0	0	
2	2017	BAGIN	AUTO	12.8	241	967	64.8	0	0	
3	2018	BAGIN	AUTO	13	7	1164	63.4	0	0	
4	2019	BAGIN	AUTO	12.9	5	1198	64.1	0	0	
5	2020	BAGIN	AUTO	12.7	506	882	64.7	0	0	
6	2021	BAGIN	AUTO	12.8	13	1137	63.7	0	0	
7	2022	BAGIN	AUTO	12.7	144	938	64.3	0	0	
8	2023	BAGIN	AUTO	12.8	8	1176	63.4	0	0	
9	2024	BAGIN	AUTO	13	11	1256	62.6	0	0	
10	2025	BAGIN	AUTO	13	7	1201	62.8	0	0	
11	2026	BAGIN	AUTO	12.7	12	1060	64.2	0	0	
12	2027	BAGIN	AUTO	12.5	446	767	65.4	0	0	
13	2028	BAGIN	AUTO	12.8	18	1165	63.3	0	0	
14	2029	BAGIN	AUTO	12.9	9	1300	63	0	0	
15	2030	BAGIN	AUTO	13.1	9	1291	62.3	0	0	
16	2031	BAGIN	AUTO	12.6	351	839	64.9	0	0	
17	2032	BAGIN	AUTO	12.6	35	949	63.9	0	0	
18	2033	BAGIN	AUTO	12.9	10	1181	62.5	0	0	
19	2034	BAGIN	AUTO	13	10	1276	62	0	0	
20	2038	O CAL	MANUAL	.2 X	0	0 X	.2	0	0	

1	1746	BAGIN	AUTO	13.1	1	1011	20	41	1
2	1747	BAGIN	AUTO	13	2	967	20	44	1
3	1748	BAGIN	AUTO	13.2	4	1003	20	47	2
4	1749	BAGIN	AUTO	13.1	2	976	20	48	1
5	1750	BAGIN	AUTO	13.2	3	1011	20	49	2
6	1751	BAGIN	AUTO	12.8	20	849	20	46	1
7	1752	BAGIN	AUTO	12.8	2	855	20	43	1
8	1753	BAGIN	AUTO	13	2	930	20	43	1
9	1754	BAGIN	AUTO	13.1	3	978	20	42	1
10	1755	BAGIN	AUTO	13	2	885	20	48	2
11	1756	BAGIN	AUTO	13	2	956	20	49	1
12	1757	BAGIN	AUTO	12.7	3	838	20	51	2
13	1758	BAGIN	AUTO	13	2	972	20	48	1
14	1759	BAGIN	AUTO	13.1	2	979	20	40	1
15	1800	BAGIN	AUTO	13	2	969	20	39	1
16	1801	BAGIN	AUTO	13.1	2	1004	20	40	1
17	1802	BAGIN	AUTO	13.3	3	1018	20	45	1
18	1803	BAGIN	AUTO	12.7	2	882	20	48	1
19	1804	BAGIN	AUTO	12.6	5	830	20	44	1
20	1805	BAGIN	AUTO	3.4 X	4	0	.7	0	0

ONLINE EMISSIONS MONITOR

LOCATION	
UNIT NUMBER	BAGHOUSE INLET
DESCRIPTION	N2 INJECTION
LOAD	FULL
TEST NUMBER	BASELINE
TEST DATE	4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	NOIN PPM	O2IN %	NO PPM
1	1806	BAGIN	AUTO	2.1	60	153	20	36	1	
2	1807	BAGIN	AUTO	4	61	189	20	27	1	
3	1808	BAGIN	AUTO	4	65	196	20	28	0	
4	1809	BAGIN	AUTO	4	69	208	20	31	1	
5	1810	BAGIN	AUTO	4.1	149	218	.5	0	0	
6	1811	BAGIN	AUTO	9	150	714	.4	0	0	
7	1812	BAGIN	AUTO	13.1	0	1156	20	29	0	
8	1813	BAGIN	AUTO	13.1	1	1131	20	28	1	
9	1814	BAGIN	AUTO	13	1	1076	20	29	1	
10	1815	BAGIN	AUTO	12.8	3	1045	20	28	1	
11	1816	BAGIN	AUTO	12.9	3	1133	20	31	1	
12	1817	BAGIN	AUTO	13.1	3	1235	20	35	1	
13	1818	BAGIN	AUTO	13	1	1239	20	36	1	
14	1819	BAGIN	AUTO	12.9	1	1121	20	36	1	
15	1820	BAGIN	AUTO	12.7	2	1056	20	32	1	
16	1821	BAGIN	AUTO	12.7	1	1046	20	32	1	
17	1822	BAGIN	AUTO	13	3	1151	20	31	1	
18	1823	BAGIN	AUTO	12.6	3	976	20	31	1	
19	1824	BAGIN	AUTO	12.9	3	1151	20	31	0	
20	1825	BAGIN	AUTO	12.9	2	1166	20	34	1	

1	1826	BAGIN	AUTO	12.9	3	1047	20	33	1
2	1827	BAGIN	AUTO	12.9	2	1037	20	34	1
3	1828	BAGIN	AUTO	12.6	20	844	20	37	1
4	1829	BAGIN	AUTO	12.5	15	769	20	36	1
5	1830	BAGIN	AUTO	12.6	3	854	20	33	1
6	1831	BAGIN	AUTO	12.6	2	891	20	30	1
7	1832	BAGIN	AUTO	12.5	2	807	20	31	0
8	1833	BAGIN	AUTO	12.6	6	853	20	33	1
9	1834	BAGIN	AUTO	12.8	2	882	20	35	1
10	1835	BAGIN	AUTO	12.5	2	798	20	37	1
11	1836	BAGIN	AUTO	12.6	2	902	20	36	1
12	1837	BAGIN	AUTO	12.7	1	964	20	35	1
13	1838	BAGIN	AUTO	12.7	3	1001	20	31	1
14	1839	BAGIN	AUTO	12.9	3	1037	20	33	1
15	1840	BAGIN	AUTO	13	3	1089	20	32	1
16	1841	BAGIN	AUTO	12.7	1	939	20	35	1
17	1842	BAGIN	AUTO	12.6	2	833	20	37	1
18	1843	BAGIN	AUTO	12.7	1	886	20	37	1
19	1844	BAGIN	AUTO	12.5	5	824	20	36	1
20	1845	BAGIN	AUTO	12.5	2	833	20	34	1

1	2040	NO CAL	MANUAL	8.8	1000	336	.2	0	0
2	2044	CO-CO2 CA	MANUAL	4	331	207	66.2	0	0
	NOTE-								
3	2046	BAGIN	AUTO	12.5	8	1101	63	0	0
4	2047	BAGIN	AUTO	12.8	9	1180	61.9	0	0
5	2048	BAGIN	AUTO	12.9	6	1247	61.4	0	0
6	2049	BAGIN	AUTO	12.6	1000	729	64	0	0
7	2050	BAGIN	AUTO	12.5	808	527	63	0	0
8	2051	BAGIN	AUTO	12.9	10	1135	62.2	0	0
9	2052	BAGIN	AUTO	13	9	1153	62	0	0
10	2053	BAGIN	AUTO	13.4	9	1589	61.5	0	0
11	2054	BAGIN	AUTO	12.7	1000	669	64.1	0	0
12	2055	BAGIN	AUTO	12.5	1000	335	64.2	0	0
13	2056	BAGIN	AUTO	12.9	19	1136	61.8	0	0
14	2057	BAGIN	AUTO	13.1	9	1247	60.9	0	0
15	2058	BAGIN	AUTO	13	12	1190	62.6	0	0
16	2059	BAGIN	AUTO	13.1	6	1248	61.7	0	0
17	2100	BAGIN	AUTO	13	5	1244	62.5	0	0
18	2101	BAGIN	AUTO	13	5	1239	62.6	0	0
19	2102	BAGIN	AUTO	12.7	29	947	64	0	0

ONLINE EMISSIONS MONITOR

LOCATION
UNIT NUMBER — BAGHOUSE INLET
DESCRIPTION — N2 INJECTION
LOAD — FULL
TEST NUMBER — BASELINE
TEST DATE — 4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	NOIN PPM	O2IN %	NO PPM
1	2103	BAGIN	AUTO	12.7	33	960	64.4	0	0	
2	2104	BAGIN	AUTO	12.9	8	1199	63.1	0	0	
3	2105	BAGIN	AUTO	13	5	1229	62.6	0	0	
4	2106	BAGIN	AUTO	12.8	51	959	64.2	0	0	
5	2107	BAGIN	AUTO	12.9	8	1164	62.7	0	0	
6	2108	BAGIN	AUTO	13.1	7	1249	62.8	0	0	
7	2109	BAGIN	AUTO	13.3	13	1351	61.7	0	1	
8	2110	BAGIN	AUTO	13.1	11	1236	63.7	0	0	
9	2111	BAGIN	AUTO	12.8	318	1001	64.2	0	0	
10	2112	BAGIN	AUTO	13.8	8	1327	59.9	0	0	
11	2113	BAGIN	AUTO	14.1	9	1351	58.4	0	0	
12	2114	BAGIN	AUTO	14	7	1302	58.4	0	0	
13	2115	BAGIN	AUTO	13.9	8	1297	59.1	0	0	
14	2116	BAGIN	AUTO	13.9	7	1257	58.8	0	0	
15	2117	BAGIN	AUTO	13.6	5	1281	59.5	0	0	
16	2118	BAGIN	AUTO	13.7	7	1284	59.6	0	0	
17	2119	BAGIN	AUTO	13.8	7	1264	59.8	0	0	
18	2120	BAGIN	AUTO	13.7	10	1278	60.5	0	0	
19	2121	BAGIN	AUTO	13.7	7	1263	60.7	0	0	
20	2122	BAGIN	AUTO	13.5	8	1214	61	0	0	

1	2123	BAGIN	AUTO	13.3	8	1223	62.2	0	0
2	2124	BAGIN	AUTO	13.5	8	1253	61.3	0	0
3	2125	BAGIN	AUTO	13.5	9	1237	61.5	0	0
4	2126	BAGIN	AUTO	13.5	7	1269	61.3	0	0
5	2127	BAGIN	AUTO	13.5	9	1260	61.6	0	0
6	2128	BAGIN	AUTO	13.6	9	1284	61.8	0	0
7	2129	BAGIN	AUTO	13.5	10	1159	61.5	0	0
8	2130	BAGIN	AUTO	13.4	5	1231	62	0	0
9	2131	BAGIN	AUTO	13.5	6	1209	61.3	0	0
10	2132	BAGIN	AUTO	13.4	8	1195	61.4	0	0
11	2133	BAGIN	AUTO	13.4	9	1164	61.7	0	0
12	2134	BAGIN	AUTO	13.3	8	1144	62.3	0	0
13	2135	BAGIN	AUTO	13.3	6	1125	62	0	0
14	2136	BAGIN	AUTO	13.4	6	1097	61.5	0	0
15	2137	BAGIN	AUTO	13.4	15	1052	61.4	0	0
16	2138	BAGIN	AUTO	13.6	10	1003	60.8	0	1
17	2139	BAGIN	AUTO	13.5	7	973	60.6	0	0
18	2140	BAGIN	AUTO	13.5	10	975	60.5	0	0
19	2141	BAGIN	AUTO	13.1	8	908	62.9	0	0
20	2142	BAGIN	AUTO	13.3	8	907	62.8	0	0

ONLINE EMISSIONS MONITOR

LOCATION
UNIT NUMBER — BAGHOUSE INLET
DESCRIPTION — N2 INJECTION
LOAD — FULL
TEST NUMBER — BASELINE
TEST DATE — 4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	NOIN PPM	O2IN %	NO PPM
1	2143	BAGIN	AUTO	13.1	10	907	62.4	0	0	
2	2144	BAGIN	AUTO	13.3	9	918	62.2	0	0	
3	2145	BAGIN	AUTO	13.2	9	906	62.2	0	0	
4	2146	BAGIN	AUTO	13.3	9	878	62.1	0	0	
5	2147	BAGIN	AUTO	13.4	8	860	61.4	0	0	
6	2148	BAGIN	AUTO	13.3	7	896	62.7	0	0	
7	2149	BAGIN	AUTO	13	9	811	63.9	0	0	
8	2150	BAGIN	AUTO	13	7	815	63.2	0	0	
9	2151	BAGIN	AUTO	13	10	749	64.3	0	0	
10	2152	BAGIN	AUTO	12.9	65	629	65.2	0	0	
11	2153	BAGIN	AUTO	12.8	12	622	65.1	0	0	
12	2154	BAGIN	AUTO	13	11	647	64.3	0	0	
13	2155	BAGIN	AUTO	13	9	639	64.3	0	0	
14	2156	BAGIN	AUTO	12.9	19	605	66.2	0	0	
15	2157	BAGIN	AUTO	13.2	12	680	63.3	0	0	
16	2201	0 CAL	MANUAL	.2	0	0	.2	0	0	
17	2202	CAL NO-O2	MANUAL	9	1000	301	1	0	0	
18	2204	CO-CO2 CA	MANUAL	4.1	327	214	67.2	0	0	
19	2205	BAGIN	AUTO	5.7	96	286	64.7	0	0	
20	2206	BAGIN	AUTO	13.3	9	654	63.6	0	0	

1	2207	BAGIN	AUTO	13.2	16	626	64.5	0	0
2	2208	BAGIN	AUTO	13.1	11	630	63.6	0	0
3	2209	BAGIN	AUTO	13.5	9	625	62.5	0	0
4	2210	BAGIN	AUTO	13.5	6	722	62.4	0	0
5	2211	BAGIN	AUTO	13.4	6	685	62.6	0	0
6	2212	BAGIN	AUTO	13.1	395	590	64.3	0	0
7	2213	BAGIN	AUTO	13.2	11	672	63.1	0	0
8	2214	BAGIN	AUTO	13.4	5	719	62.1	0	0
9	2215	BAGIN	AUTO	13.3	10	686	62.6	0	0
10	2216	BAGIN	AUTO	13.1	26	666	62.7	0	0
11	2217	BAGIN	AUTO	13.3	11	717	62.3	0	0
12	2218	BAGIN	AUTO	13.4	10	724	62.1	0	0
13	2219	BAGIN	AUTO	13.3	10	0	62	0	0
14	2220	BAGIN	AUTO	13	10	0	63.6	0	0
15	2221	BAGIN	AUTO	13	44	0	64.7	0	0
16	2222	BAGIN	AUTO	13.2	7	0	62.7	0	0
17	2223	BAGIN	AUTO	13.3	5	0	61.9	0	0
18	2224	BAGIN	AUTO	13.1	9	0	62.7	0	0
19	2225	BAGIN	AUTO	13.2	7	0	62.2	0	0
20	2226	BAGIN	AUTO	13.3	7	0	61.7	0	0

ONLINE EMISSIONS MONITOR

LOCATION
UNIT NUMBER — BAGHOUSE INLET
DESCRIPTION — N2 INJECTION
LOAD — FULL
TEST NUMBER — BASELINE
TEST DATE — 4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	NOIN PPM	O2IN %	NO PPM
1	2227	BAGIN	AUTO	13.5	8	0	61.3	0	0	
2	2228	BAGIN	AUTO	13.5	6	0	61.4	0	0	
3	2229	BAGIN	AUTO	13.2	8	0	62.5	0	0	
4	2230	BAGIN	AUTO	13.2	6	0	62.4	0	0	
5	2231	BAGIN	AUTO	13.4	7	0	61.6	0	0	
6	2232	BAGIN	AUTO	13.1	8	0	62.7	0	0	
7	2233	BAGIN	AUTO	13	9	0	63.5	0	0	
8	2234	BAGIN	AUTO	13.2	7	0	62.3	0	0	
9	2238		AUTO	13.2	8	0	61.8	0	0	
10	2239		AUTO	13.2	3	0	61.3	0	0	
	NOTE- TECO PUMP FAILURE DIED DUE TO									
	NOTE- LACK OF OIL. NO MORE NOX DATA									
11	2241	BAGIN	AUTO	13.2	3	0	62.7	0	0	
12	2242	BAGIN	AUTO	13.5	6	0	60.5	0	0	
13	2243	BAGIN	AUTO	13.4	8	0	62	0	0	
14	2244	BAGIN	AUTO	13.2	7	0	62.5	0	0	
15	2245	BAGIN	AUTO	13.2	8	0	62.4	0	0	
16	2246	BAGIN	AUTO	13	8	0	62.8	0	0	
17	2247	BAGIN	AUTO	13.2	9	0	61.6	0	0	
18	2248	BAGIN	AUTO	13.1	11	0	62.9	0	0	

1	2249	BAGIN	AUTO	13	9	0	63	0	0
2	2250	BAGIN	AUTO	12.7	1000	0	63.1	0	0
3	2251	BAGIN	AUTO	12.9	15	0	63.7	0	0
4	2252	BAGIN	AUTO	13.1	9	0	62.4	0	0
5	2253	BAGIN	AUTO	13.2	15	0	61.7	0	0
6	2254	BAGIN	AUTO	13.2	12	0	62	0	0
7	2255	BAGIN	AUTO	12.9	54	0	63.6	0	0
8	2256	BAGIN	AUTO	12.8	10	0	64.4	0	0
9	2257	BAGIN	AUTO	12.7	400	0	64.1	0	0
10	2258	BAGIN	AUTO	13.3	5	0	60.6	0	0
11	2259	BAGIN	AUTO	13.4	4	0	61	0	0
12	2300	BAGIN	AUTO	13.1	11	720	63.1	0	0
13	2301	BAGIN	AUTO	13.2	17	451X	61.6	0	0
	NOTE- INSTALL NEW TECO PUMP BACK ON								
	NOTE- LINE 2300								
14	2302	BAGIN	AUTO	13.1	17	449X	63.3	0	0
15	2303	BAGIN	AUTO	13.2	17	460X	62.4	0	0
16	2304	BAGIN	AUTO	13.3	11	478X	61	0	0
17	2305	BAGIN	AUTO	13.3	12	830	62	0	0
18	2306	BAGIN	AUTO	13.3	16	793	62.5	0	0

ONLINE EMISSIONS MONITOR

LOCATION
UNIT NUMBER
DESCRIPTION
LOAD
TEST NUMBER
TEST DATE

BAGHOUSE INLET
N2 INJECTION
FULL
BASELINE
4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	NOIN PPM	O2IN %	NO PPM
1	2307	BAGIN	AUTO	13.1	58	701	64.1	0	0	
2	2308	BAGIN	AUTO	13.1	12	761	63	0	0	
3	2309	BAGIN	AUTO	13.3	11	844	61.2	0	0	
4	2310	BAGIN	AUTO	13.3	15	870	62.2	0	0	
5	2311	BAGIN	AUTO	13.1	12	833	62.6	0	0	
6	2312	BAGIN	AUTO	13.2	16	840	62.7	0	0	
7	2313	BAGIN	AUTO	13.2	13	819	63.2	0	0	
8	2314	BAGIN	AUTO	13.3	11	862	63.6	0	0	
9	2315	BAGIN	AUTO	13.4	10	903	62.5	0	0	
10	2316	BAGIN	AUTO	13.5	14	936	62.2	0	0	
11	2317	BAGIN	AUTO	13.5	11	939	62.2	0	0	
12	2318	BAGIN	AUTO	13.3	15	903	64.5	0	0	
13	2319	BAGIN	AUTO	12.9	151	733	64.7	0	0	
14	2320	BAGIN	AUTO	13.3	12	874	63.5	0	0	
15	2321	BAGIN	AUTO	13.3	12	960	62	0	0	
16	2322	BAGIN	AUTO	13.4	8	942	62.7	0	0	
17	2323	BAGIN	AUTO	13.5	7	977	61.1	0	0	
18	2324	BAGIN	AUTO	13.4	11	966	62.4	0	0	
19	2325	BAGIN	AUTO	13.2	15	912	62.6	0	0	
20	2326	BAGIN	AUTO	13.6	13	1006	62.1	0	0	

1	2327	BAGIN	AUTO	13.5	10	971	62.6	0	0
2	2328	BAGIN	AUTO	13.3	13	977	64.9	0	0
3	2329	BAGIN	AUTO	13.7	16	1047	61.1	0	0
4	2330	BAGIN	AUTO	13.8	19	1125	62.7	0	0
5	2331	BAGIN	AUTO	13.5	15	1081	63.1	0	0
6	2332	BAGIN	AUTO	12.9	21	936	65.1	0	0
7	2333	BAGIN	AUTO	13.3	13	997	64.2	0	0
8	2334	BAGIN	AUTO	13.3	13	1001	64.4	0	0
9	2335	BAGIN	AUTO	13.4	23	1024	64.1	0	0
10	2336	BAGIN	AUTO	13.3	20	1018	65.3	0	0
11	2337	BAGIN	AUTO	13.1	16	991	64.4	0	0
12	2338	BAGIN	AUTO	13.2	19	988	64.7	0	0
13	2339	BAGIN	AUTO	13.1	25	972	65.1	0	0
14	2340	BAGIN	AUTO	13.4	16	1053	65.1	0	0
15	2341	BAGIN	AUTO	13.3	23	1041	64.7	0	0
16	2342	BAGIN	AUTO	12.9	20	931	66.7	0	0
17	2343	BAGIN	AUTO	12.9	19	958	66.2	0	0
18	2344	BAGIN	AUTO	13.5	21	1079	64.9	0	0
19	2345	BAGIN	AUTO	13.2	19	1026	65.4	0	0
20	2346	BAGIN	AUTO	13.2	26	1043	65.2	0	0

ONLINE EMISSIONS MONITOR

LOCATION
UNIT NUMBER
DESCRIPTION
LOAD
TEST NUMBER
TEST DATE

BAGHOUSE INLET
N2 INJECTION
FULL
BASELINE
4-17-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	NOIN PPM	O2IN %	NO PPM
1	2347	BAGIN	AUTO	13.3	24	1037	65.2	0	0	
2	2348	BAGIN	AUTO	12.9	24	953	67.3	0	0	
3	2349	BAGIN	AUTO	13.2	21	1027	66.6	0	0	
4	2350	BAGIN	AUTO	13.4	16	1009	65.3	0	0	
5	2351	BAGIN	AUTO	13.1	21	1024	65.2	0	0	
6	2352	BAGIN	AUTO	13.1	25	916	66.9	0	0	
7	2353	BAGIN	AUTO	12.9	20	900	67.7	0	0	
8	2354	BAGIN	AUTO	13	18	899	66.2	0	0	
9	2355	BAGIN	AUTO	13.3	17	978	64.4	0	0	
10	2356	BAGIN	AUTO	13.2	22	1032	65	0	0	
11	2357	BAGIN	AUTO	13.7	23	1166	64.4	0	0	
12	2358	BAGIN	AUTO	13.7	23	1168	64	0	0	
13	2359	BAGIN	AUTO	13.6	24	1078	62.9	0	0	

ONLINE EMISSIONS MONITOR

LOCATION	
UNIT NUMBER	BAGHOUSE INLET
DESCRIPTION	N2 INJECTION
LOAD	FULL
TEST NUMBER	BASELINE
TEST DATE	4-18-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	NOIN PPM	O2IN %	NO PPM
1	0000	BAGIN	AUTO	13.6	26	1125	64.2	0	0	
2	0001	BAGIN	AUTO	13.7	27	1086	63.9	0	0	
3	0002	BAGIN	AUTO	13.5	20	1063	64.1	0	0	
4	0003	BAGIN	AUTO	13.3	26	1046	65	0	0	
5	0004	BAGIN	AUTO	13.3	19	1066	64.9	0	0	
6	0005	BAGIN	AUTO	13.1	26	965	66.1	0	0	
7	0006	BAGIN	AUTO	12.9	30	984	67.7	0	0	

8	0007	BAGIN	AUTO	12.9	21	954	67.9	0	0
9	0008	BAGIN	AUTO	12.8	28	866	69.4	0	0
10	0009	BAGIN	AUTO	12.9	23	949	67.5	0	0
11	0010	BAGIN	AUTO	13.2	32	930	67.5	0	0
12	0011	BAGIN	AUTO	13.2	21	958	67	0	0
13	0012	BAGIN	AUTO	12.9	36	843	67.5	0	0
14	0013	BAGIN	AUTO	13	17	857	68.2	0	0
15	0014	BAGIN	AUTO	13	24	857	67.5	0	0
16	0015	BAGIN	AUTO	13.5	23	872	65.7	0	0
17	0016	BAGIN	AUTO	13.2	20	814	66.2	0	0
18	0017	BAGIN	AUTO	13.4	18	865	65.9	0	1
19	0018	BAGIN	AUTO	13.1	27	0	67.6	0	0
20	0019	BAGIN	AUTO	13.1	26	826	66	0	0

ONLINE EMISSIONS MONITOR

LOCATION
UNIT NUMBER — BAGHOUSE INLET
DESCRIPTION — N2 INJECTION
LOAD — FULL
TEST NUMBER — BASELINE
TEST DATE — 4-18-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	NOIN PPM	O2IN %	NO PPM
1	0020	BAGIN	AUTO	13.5	25	891	65.2	0	0	
2	0021	BAGIN	AUTO	13.5	32	883	65.4	0	0	
3	0022	BAGIN	AUTO	13	22	783	68.2	0	0	
4	0023	BAGIN	AUTO	13.1	18	865	67.4	0	0	
5	0024	BAGIN	AUTO	13.3	18	912	65.9	0	0	
6	0025	BAGIN	AUTO	13.3	24	906	66.5	0	0	
7	0026	BAGIN	AUTO	13.3	22	866	65.9	0	0	
8	0027	BAGIN	AUTO	13.4	21	824	65.4	0	0	
9	0028	BAGIN	AUTO	13.5	20	870	66.2	0	0	
10	0029	BAGIN	AUTO	13	22	742	68.8	0	0	
11	0030	BAGIN	AUTO	13.4	22	806	66.8	0	0	
12	0031	BAGIN	AUTO	13.5	24	808	66.1	0	0	
13	0032	BAGIN	AUTO	13.4	22	776	65.7	0	0	
14	0033	BAGIN	AUTO	13.3	21	771	65.7	0	0	
15	0034	BAGIN	AUTO	13.8	21	810	63.3	0	0	
16	0035	BAGIN	AUTO	13.7	22	765	64	0	0	
17	0036	BAGIN	AUTO	13.7	22	819	64	0	0	
18	0037	BAGIN	AUTO	13.4	17	762	65.7	0	0	
19	0038	BAGIN	AUTO	12.9	20	751	67.5	0	0	
20	0039	BAGIN	AUTO	13.3	19	831	65.7	0	0	

ONLINE EMISSIONS MONITOR

LOCATION
UNIT NUMBER
DESCRIPTION
LOAD
TEST NUMBER
TEST DATE

BAGHOUSE INLET
N2 INJECTION
FULL
BASELINE
4-16-1984

ID #	TIME	POINT	MODE	O2 %	CO PPM	NO 3% PPM	CO2 %	NOIN PPM	O2IN %	NO PPM
1	0040	BAGIN	AUTO	13.5	17	839	65.8	0	0	
2	0041	BAGIN	AUTO	13.1	17	793	66.4	0	0	
3	0042	BAGIN	AUTO	13.4	15	808	64.6	0	0	
4	0043	BAGIN	AUTO	13.7	19	843	62.9	0	0	
5	0044	BAGIN	AUTO	13.5	17	805	65.2	0	0	
6	0045	BAGIN	AUTO	13.3	18	771	65.3	0	0	
7	0046	BAGIN	AUTO	13.2	17	759	65.7	0	0	

8	0047	BAGIN	AUTO	13.4	18	783	65.4	0	0
9	0048	BAGIN	AUTO	13.5	19	778	65.1	0	0
10	0049	BAGIN	AUTO	13.6	17	827	63.8	0	0
11	0050	BAGIN	AUTO	13.5	21	822	64.3	0	0
12	0051	BAGIN	AUTO	13.4	21	796	64.9	0	0
13	0052	BAGIN	AUTO	13.6	17	813	64.7	0	0
14	0053	BAGIN	AUTO	13.3	22	840	65.3	0	0
15	0054	BAGIN	AUTO	13.4	18	852	64.9	0	0
16	0055	BAGIN	AUTO	13.3	19	817	65.7	0	0
17	0056	BAGIN	AUTO	13.3	22	858	65.5	0	0
18	0057	BAGIN	AUTO	13.2	24	836	65.5	0	0
19	0058	BAGIN	AUTO	13.5	21	888	64.7	0	0
20	0059	BAGIN	AUTO	13.3	19	843	65.5	0	0